



DRUID

Lisbon, June 10-12, 2023

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SESSION GUIDELINES

FOR PRESENTERS, DISCUSSANTS AND CHAIRS

THE FORMAT OF DRUID DEBATES

The DRUID Debates aim at stimulating civilized controversy and advance the field of industrial dynamics by clarifying and developing intellectual positions in fundamental or currently heated disputes. The debates are structured to help identify common grounds and lines of division within the field, and to encourage conference participants and subsequent website viewers to take sides and become persuaded by arguments presented.

Each debate confronts a motion and lasts about one and a half hour. The standard time schedule looks like this:

- A brief introduction by the Moderator
- An initial vote where the audience indicates its stand on the motion
- First intervention for the motion: 12 minutes
- First intervention against the motion: 12 minutes
- Second intervention for the motion: 12 minutes
- Second intervention against the motion: 12 minutes
- First rebuttal against the motion: 3 minutes
- First rebuttal for the motion: 3 minutes
- Second rebuttal against the motion: 3 minutes
- Second rebuttal for the motion: 3 minutes
- Questions from the floor and answers from the panelists
- A final vote where the audience indicates its stand on the motion.

THE FORMAT OF PARALLEL PAPER SESSIONS

Each session normally includes three papers and lasts about one and a half hour. The standard time schedule looks like this:

- First paper presentation by the author: 15 minutes
- Second paper presentation by the author: 15 minutes
- Third paper presentation by the author: 15 minutes
- First discussant of all three papers: 12 minutes
- Second discussant of all three papers: 12 minutes
- General discussion and replies from the authors: approximately 20 minutes.

INSTRUCTIONS FOR PARALLEL SESSION PRESENTERS

Each participant will only be allowed to present one paper during the conference. Co-authored papers may be presented by any of the participating co-authors.

With a conference of this size we ask you to remember some basic rules when making your presentation. In order that everyone has sufficient time to speak it is important that you exercise discipline, particularly time management. Please remember to:

- Arrive at the appropriate room five minutes before the session is due to start. All rooms are equipped with black out facilities and a projector for PowerPoint presentations. Please note that if choosing PowerPoint you must arrive with your presentation on a USB memory device and load it yourself onto the machine provided in the room BEFORE the start of the session. It might be a good idea to do so well in advance as not all versions of PowerPoint function equally well on all projectors. Solicit advice at the info desk or through student assistants if experiencing trouble
- Introduce yourself to the other presenters and the chair. Give the chair your biographical details for use in introducing you. Ideally to assist the chair these should be in writing
- Present your paper in judicious language. Disclose any financial or other interest you might have in the subject matter of the papers. Acknowledge contributions of co-authors. Structure your presentation so that you have time for your findings and their possible implications (when relevant). Avoid or explain uncommon abbreviations or terms
- Accommodate the session chair, who will tell you at the beginning of the session how long your presentation can last. This will vary between sessions depending on the number of papers to be presented. In a one and a half hour session with three papers you should aim to speak for no more than 15 minutes leaving time for your discussants and for the floor. We have asked session chairs to be very strict in terms of time management so that each presenter has an equal amount of time
- Abide by the timing cards presented to you during your presentation by the session chair, indicating how much is left of your allotted time: 5 minutes remaining; 2 minutes remaining; Time is out (RED card). When you are shown the RED card your time is over. Session chairs have been asked to allow presenters who are out of time to finish your sentence, upon which they need to STOP their presentation.



INSTRUCTIONS FOR PARALLEL SESSION DISCUSSANTS

It is the discussant that stimulates civilized controversies, which are at the core of the conference. One or more of the papers you have been asked to discuss might not be within your particular area of expertise, but do NOT start by stating this. Instead, act professionally and do your best to provide useful comments as best you can. Be clear, to the point, sharp but constructive, acknowledge significant contributions but focus on aspects where improvements can or must be made. Aim at providing that the author(s) with something useful to bring home. Enlighten, when possible, the audience with some new insight or reflection. Your comments should be given in judicious language. Disclose any financial or other interest you might have in the subject matter of the papers. Let the Conference Organizers know immediately if you become suspicious of any possible fabrication of data, plagiarism or other kinds of scientific fraud relating to the papers you are asked to discuss.

In order that everyone has sufficient time to speak it is important that you exercise discipline, particularly time management. Please remember to:

- Arrive at the appropriate room 5 minutes before the session is due to start. All rooms are equipped with black out facilities and a Power Point projector. Please note that if you have prepared some points on a PowerPoint slide you

must arrive with your presentation on a USB memory device and load it yourself onto the machine provided in the room before the start of the session. It might even be a good idea to do so well in advance as not all versions of PowerPoint function equally well on all projectors. Solicit advice at the info desk or through a student assistant if experiencing trouble

- Introduce yourself to the presenters, co-discussant and the chair. Give the chair your biographical details for use in introducing you. Ideally to assist the chair these should be in writing. One or two lines would suffice
- Accommodate the session chair, who will tell you at the beginning of the session how long your comments should last. This will vary between sessions depending on the number of papers to be presented. In a one and a half hour session with three papers you should aim to speak for no more than 12 minutes leaving time for your replies and for the floor. We have asked session chairs to be very strict in terms of time management so that each discussant has an equal amount of time.

By abiding to the simple rules your contribution will help support what we hope will be a productive, stimulating and enjoyable conference!

INSTRUCTIONS FOR PARALLEL SESSION CHAIRS

This note is intended to provide guidance on managing the session for which you are responsible. Inevitably, the Chair will have to show some degree of flexibility.

In essence, your role will be to introduce the presenter and allocated discussants; control the length of time that they speak for and manage any questions from the floor. In most sessions three papers will be presented. Please notify the Conference Organizers immediately if you become suspicious of any possible fabrication of data or plagiarism relating to the papers in your session.

We believe that it is important to establish some ground rules that everybody understands and works towards during the conference. Please remember to:

- Arrive in the room where the session is to take place at least 5 minutes before the appointed time. If using PowerPoint the presenters have been asked to upload their presentation on the PC before the start of the session to save time. Solicit advice at the info desk or through student assistants if experiencing trouble
- Introduce yourself to the presenters. Ask them for biographical details to use in introducing them. Make sure that their presentation has been uploaded. Inform them of the maximum time they will have to present their paper. For example, in a one and a half hour session with three papers, each presenter should have 15 minutes and the two discussants should be allocated 12 minutes each. It is important that participants are given the chance to ask additional questions from the floor

- Introduce the author and title for each paper
- Use the series of timing cards, available to you in the session room, to help the presenter or discussants to manage the time. The first card you pass indicates that the presenter or discussant has a maximum of 5 minutes left. The second card indicates that there are 2 minutes left. The third and final RED card indicates that their time is over and the presenter or discussant must STOP. In issuing the red card you must be polite but firm. It is to be fair to other presenters or discussants in the session and to the audience who will wish to contribute in the discussion time. As a rule, a presenter who gets the RED card is allowed to finish the sentence but speak no further
- Ask those who ask questions in the Q&A part of each session to identify themselves and to keep their comments as short as possible to allow time for the presenters to respond in full. You may decide how to organize this element of the session, i.e. after each paper or after all the papers have been presented
- Ensure that the session finishes on time. With the number of papers to be presented this is going to be a busy event. Sessions that over run have implications for other sessions or events later in the day.

Finally, thank you for chairing and helping to make the conference successful!



SATURDAY, JUNE 10	
09:00	PROFESSIONAL DEVELOPMENT WORKSHOPS (PDWs) PDW1: The Entrepreneurial Ecosystem: A Global Perspective (D-110) PDW2: The building blocks of (nearly) everything: new measures derived from molecular structures to study innovation (D-111) PDW3: To Tweet or Not to Tweet: Academics and Social Media (D-112) PDW4: Breaking Barriers: The Drivers and Consequences of Collaborations Across Disciplines, Organizations and Stakeholders (D-113) PDW5: Innovation Disclosure (D-114) PDW6: The Future of Innovation Studies (D-115)
12:00	CONFERENCE REGISTRATION (Atrium Hovione)
13:15	WELCOME (Jerónimo Martins Grand Auditorium) By PEDRO OLIVEIRA (Dean, Nova School of Business and Economics) By MARK LORENZEN (Director, DRUID)
13:30	OPENING KEYNOTE (Jerónimo Martins Grand Auditorium) “ DEMOCRATIZED INNOVATION IS TAKING OVER - SO WHAT COMES NEXT? ” By ERIC VON HIPPEL Chair: CHRISTOPH GRIMPE
14:30	COFFEE CONVERSATIONS (KPMJ Gallery) (Included in conference fee)
15:00	PARALLEL PAPER SESSIONS 1
16:30	COFFEE CONVERSATIONS (KPMJ Gallery) (Included in conference fee)
17:00	PARALLEL PAPER SESSIONS 2
18:30 20:00	DRUID DRINKS RECEPTION Venue: Pedro Santa Clara Alumni Lounge (Included in conference fee)

SUNDAY, JUNE 11	
09:00	PARALLEL PAPER SESSIONS 3
10:30	COFFEE CONVERSATIONS and POSTER PAPER SESSION 1 (KPMJ Gallery) (Included in conference fee)
11:00	KEYNOTE (Jerónimo Martins Grand Auditorium) “GENDER AND INEQUALITY IN THE SCIENTIFIC SYSTEM” By VALENTINA TARTARI Chair: LARS FREDERIKSEN
12:00	LUNCH (KPMJ Gallery) (Included in conference fee)
13:00	DRUID DEBATE on EXPERT JUDGMENT IN INNOVATION, SCIENCE AND ENTREPRE- NEURIAL DECISION-MAKING (Jerónimo Martins Grand Auditorium) MOTION: “EXPERT JUDGMENT IS GIVEN EXCESSIVE RELIANCE IN INNOVATION, SCIENCE AND ENTRE- PRENEURIAL DECISION-MAKING, AND MANAGERS AND FUNDERS WOULD BE BETTER OFF RELYING ON RANDOMISATION TO A MUCH HIGHER DEGREE” Speaking for the motion: CHIARA FRANZONI and GARY DUSHNITSKY Speaking against the motion: FLORENTA TEODORIDIS and J.P. EGGERS Moderator: PAOLA CRISCUOLO
14:30	COFFEE CONVERSATIONS and POSTER PAPER SESSION 2 (KPMJ Gallery) (Included in conference fee)
15:00	PARALLEL PAPER SESSIONS 4
16:30	DRUID DISCOVERIES EXCURSIONS Meeting point: Hovione Atrium (Registration and pre-payment required)
19:00 23:00	DRUID DINNER and PAPER AWARD CEREMONY Venue: Forte de São Julião da Barra, Avenida Marginal 10, Oeiras (Included in conference fee)

MONDAY, JUNE 12	
09:00	PARALLEL PAPER SESSIONS 5
10:30	COFFEE CONVERSATIONS (KPMJ Gallery) (Included in conference fee)
11:00	DRUID DIRECTIONS PARALLEL KEYNOTES: DRUID BEST PAPER AWARD NOMINEES “EIGHT DECADES OF CHANGES IN OCCUPATIONAL TASKS, COMPUTERIZATION AND THE GENDER PAY GAP” (D-110) By: SHREYAS GADGIN MATHA, LJUBICA NEDELKOSKA, JAMES MCNERNEY, DARIO DIODATO, FRANK NEFFKE Chair: HC KONGSTED “SPURRING SUBSIDY ENTREPRENEURS” (D-111) By: EMANUELE RUSSO, PIETRO SANTOLERI Chair: VERA ROCHA “RESOURCE REDEPLOYMENT AS AN ENTRY ADVANTAGE IN RESOURCE-POOR SETTINGS” (D-112) By: JASMINA CHAUVIN, CARLOS INOUE, CHRISTOPHER POLIQUIN Chair: WOLFGANG SOFKA
12:00	LUNCH (KPMJ Gallery) (Included in conference fee)
13:00	DRUID DEBATE on LEAN START-UPS (Jerónimo Martins Grand Auditorium) MOTION: “THE LEAN START-UP APPROACH REPRESENTS A GIANT LEAP FOR OUR UNDERSTANDING OF ENTREPRENEURSHIP” Speaking for the motion: YULIYA SNIHUR and CHRISTOPHER L TUCCI Speaking against the motion: ELENA NOVELLI and TEPPU FELIN Moderator: KELD LAURSEN
14:30	COFFEE CONVERSATIONS (KPMJ Gallery) (Included in conference fee)
15:00	PARALLEL PAPER SESSIONS 6
16:30 17:00	CONFERENCE CLOSING (Jerónimo Martins Grand Auditorium)
20:00 ?	DRUID DECADENCE AFTER PARTY Venue: Go A Lisboa, Calçada do Livramento 17, Lisbon (Registration and pre-payment required)

WELCOME

Saturday, June 10, 13:15-13:30 (Jerónimo Martins Grand Auditorium)



PEDRO OLIVEIRA

DEAN & GULBENKIAN CHAIR PROFESSOR AT NOVA SCHOOL OF BUSINESS AND ECONOMICS

Pedro Oliveira is Dean and Gulbenkian Chair Professor at Nova School of Business and Economics. He is also Professor mso at Copenhagen Business School; Academic Fellow at Cornell University's CIHF; Founder of Patient Innovation and member of CAS at EDP Energias de Portugal. Previously he was Senior Associate Dean and Associate Prof at Católica-Lisbon School of Business & Economics and International Faculty Fellow at MIT Sloan.



MARK LORENZEN

DIRECTOR OF DRUID

Mark Lorenzen is Associate Professor of Innovation, Entrepreneurship and Industrial Dynamics at the Department of Strategy and Innovation at the Copenhagen Business School and Director of DRUID.

OPENING KEYNOTE

Saturday, June 10, 13:30-14:30 (Jerónimo Martins Grand Auditorium)

Chair: CHRISTOPH GRIMPE

“DEMOCRATIZED INNOVATION IS TAKING OVER – SO WHAT COMES NEXT?”



ERIC VON HIPPEL

Eric von Hippel is T Wilson Professor of Innovation Management at the MIT Sloan School of Management. He graduated from Harvard College (BA), MIT (MS), and Carnegie Mellon University. He is the recipient of four honorary doctorates, and numerous other honors and academic prizes, such as a Humboldt Foundation Research Prize (2013), the EU “Innovation Luminary” Award (2015), and the Portuguese National Medal of Science (2020).

von Hippel is known primarily for his research papers and books on topics related to lead user innovation and open and distributed innovation. He strives to share both his books and papers for free on-line under CC licenses - and has largely succeeded despite occasional publisher grumbles.

KEYNOTE

Sunday, June 11, 11:00-12:00 (Jerónimo Martins Grand Auditorium)

Chair: LARS FREDERIKSEN

“GENDER AND INEQUALITY IN THE SCIENTIFIC SYSTEM”



VALENTINA TARTARI

Valentina Tartari holds the Jacob and Marcus Wallenberg Chair at the Stockholm School of Economics and is also an associate professor in innovation management at Copenhagen Business School. She has received her PhD from Imperial College Business School in 2013 and she has been a visiting scholar at the MIT Sloan School of Management. Valentina has been an active member of DRUID since 2012 and she is currently a member of the SEI Consortium Executive Committee. Her research focuses on the determinants of knowl-

edge production and transfer, inside and outside academia. Specifically, she studies how academic researchers produce scientific knowledge and how this knowledge is transferred to industry and society at large. Valentina is also interested in the role universities have in stimulating local entrepreneurship. Her work has been published in leading innovation and management journals, such as the Academy of Management Journal, Research Policy and Journal of Management Studies.

DRUID DIRECTIONS PARALLEL KEYNOTES: NOMINEES FOR THE DRUID BEST PAPER AWARD

PAPER NO. 1: “EIGHT DECADES OF CHANGES IN OCCUPATIONAL TASKS, COMPUTERIZATION AND THE GENDER PAY GAP”

Monday, June 12, 11:00–12:00 (D-110)
Chair: HC KONGSTED

We build a new longitudinal dataset of job tasks and technologies by transforming the U.S. Dictionary of Occupational Titles (DOT, 1939 – 1991) and four books documenting occupational use of tools and technologies in the 1940s, into a database akin to, and comparable with its digital successor, the O*NET (1998 – today). After creating a single occupational classification stretching between 1939 and 2019, we connect all DOT waves and the decennial O*NET databases into a single dataset, and we connect these with the U.S. Decennial Census data at the level of 585 occupational groups. We use the new dataset to study how technology changed the gender pay gap in the United States since the 1940s. We find that computerization had two counteracting effects on the pay gap – it simultaneously reduced it by attracting more women into better-paying occupations, and increased it through higher returns to computer use among men. The first effect closed the pay gap by 3.3 pp, but the second increased it by 5.8 pp, leading to a net widening of the pay gap.



**SHREYAS
GADGIN MATHA**

Harvard University, Growth Lab,
Harvard Kennedy School



**DARIO
DIODATO**

European Commission,
Joint Research Centre



**LJUBICA
NEDELKOSKA**

Harvard University, Growth Lab



**FRANK
NEFFKE**

Harvard University, Growth Lab



**JAMES
MCNERNEY**

Harvard University, Growth Lab

PAPER NO. 2: “SPURRING SUBSIDY ENTREPRENEURS”

Monday, June 12, 11:00–12:00 (D-111)
Chair: VERA ROCHA

In the attempt to boost innovation, policy-makers have enacted a myriad of programs targeting innovative start-ups in recent years. Empirical evidence on these initiatives has almost exclusively focused on national-level programs, overlooking those implemented at the local level. This paper provides the first quasi-experimental evidence on the combined effects of such policies focusing on Italy, where regional governments have been very active in providing financial support to these firms. By leveraging discontinuities in program design, we adopt a local randomization approach and document a null effect of these programs over a wide range of firm-level outcomes. However, we find that securing local subsidies increases start-ups' probability to obtain additional local public subsidies, which points in the direction of a vicious “Matthew effect” in subsidy allocation. As a result, more scrutiny over these programs is needed as these, apart from being ineffective, might create incentives for firms to become “subsidy entrepreneurs”, an arguably unproductive form of entrepreneurship.



**EMANUELE
RUSSO**

Bank of Italy, Economic Research
and Analysis



**PIETRO
SANTOLERI**

European Commission, Joint
Research Centre

PAPER NO. 3: “RESOURCE REDEPLOYMENT AS AN ENTRY ADVANTAGE IN RESOURCE-POOR SETTINGS”

Monday, June 12, 11:00-12:00 (D-112)
Chair: WOLFGANG SOFKA

A scarcity of productive factors can pose a challenge for firms entering underdeveloped regions. We examine internal worker re-deployment as a strategy to overcome scarcity in external labor markets. We develop a simple model that predicts when firms will internally redeploy workers across markets versus hiring in local labor markets. A key prediction of the model is that redeployment is most valuable when labor markets exhibit large differences in thickness, allowing firms with internal redeployment capabilities to arbitrage differences in the quality of local labor markets. Further, redeployment advantages are more relevant when output is highly sensitive to worker skill and complementarities exist between labor and other resources. We test these predictions using employer-employee matched data on the population of sugar mills in Brazil, where a sudden demand boom incentivized firms to expand into previously underdeveloped regions. The findings corroborate the model's predictions. Our research identifies new sources of entry advantages from resource redeployment and implies that the ability to internally redeploy resources allows firms with redeployment capabilities to enter markets that other firms would not.



JASMINA CHAUVIN
Georgetown University, Strategy, Ethics, Economics, and Public Policy



CARLOS INOUE
University of Illinois, Gies College of Business



CHRISTOPHER POLIQUIN
UCLA, Anderson School of Management

DRUID23 PROFESSIONAL DEVELOPMENT WORKSHOPS (PDWs)

PDW1: THE ENTREPRENEURIAL ECOSYSTEM: A GLOBAL PERSPECTIVE

Saturday, June 10, 09:00-12:00 (D-110)

ORGANIZERS:
ZOLTAN J. ACS, School of Public Policy, George Mason University; **ESTEBAN LAFUENTE**, Barcelona Tech

SPEAKERS:
ZOLTAN J. ACS, **ESTEBAN LAFUENTE**, **JOSÉ MATA**, **ANGELO CAVALLO**

At the economy level entrepreneurship is an ecosystem that sustains economic growth by complex dynamic processes that drive resource allocation and productive entrepreneurship. This narrative is gaining weight among academics and social planners interested in characterizing this ecosystem and delineating the multiple economic processes that different stakeholders activate to shape it. The measurement of entrepreneurial ecosystems is not only about capturing the size and magnitude of a key concept. It is also fundamentally about understanding what shapes relationships within the ecosystem as well as outcomes that come from it. Policy is at the heart of many of these relationships.

This PDW seeks to create an enriching space that brings together cross-disciplinary perspectives in an effort to develop provocative conversations that fertilize the debate about key aspects related to entrepreneurial ecosystems. This PDW seeks to contribute to this debate by bringing together cross-

disciplinary perspectives on key aspects related to entrepreneurial ecosystems. The PDW is organized in two parts. First, we will discuss definitional and measurement issues of the entrepreneurial ecosystem. The debate in this first part will pivot around the contributions of Zoltan J. Acs which are explicitly presented in the book “The Entrepreneurial Ecosystem: A Global Perspective” (by Zoltan J. Acs, Esteban Lafuente and László Szerb). The second part of the PDW will be interactive and invite participants to share their views on novel and promising approaches to study entrepreneurial ecosystems from different angles.

PDW2: THE BUILDING BLOCKS OF (NEARLY) EVERYTHING: NEW MEASURES DERIVED FROM MOLECULAR STRUCTURES TO STUDY INNOVATION

Saturday, June 10, 09:00–12:00 (D-111)

ORGANIZERS:

ELISA GIULIANI, University of Pisa; **ARIANNA MARTINELLI**, Sant’Anna; **STEFAN WAGNER**, ESMT Berlin

SPEAKERS:

DANIEL HAIN, **STEFAN WAGNER**, **GIANLUCA BIGGI**, **ARIANNA MARTINELLI**, **EUGENIE DUGOUA**, **JOSHUA KRIEGER**

Scholars have developed a wide range of indicators to measure innovation-related outcomes and to characterize the underlying inventions in detail. Traditionally, these indicators are based on meta-information, such as bibliographic and legal data, on publicly available documents including scientific publications and patent documents. More recently, researchers started to apply advanced computational methods such as Natural Language Processing (NLP) and AI-based machine learning to derive more refined measures from the full text of documents.

We discuss how methods from computational chemistry can capture crucial information related to the most fundamental building blocks of virtually everything – molecular structures of chemical compounds. For documents that detail the molecular structure of (novel) chemical compounds, studying full texts is less informative than extracting information contained

in the molecular structure itself to predict some of their chemical, biological, and pharmacological properties. For instance, predicting the toxicology of chemical compounds can help to assess the sustainability of corporate research trajectories or the effect of regulatory interventions such as the ban of certain substances.

In the first part of the PDW, five presenters will not only discuss available data sources and methods, but also showcase how chemical information can be a cornerstone of studying questions of economic and societal importance. In the second part of the PDW, a moderated panel discussion in which presenters will synthesize the discussion and, most importantly, solicit questions from and engage in discussion with the PDW participants.

PDW3: TO TWEET OR NOT TO TWEET: ACADEMICS AND SOCIAL MEDIA

Saturday, June 10, 09:00–12:00 (D-112)

ORGANIZERS:

YOTAM SOFER, Copenhagen Business School; **VALENTINA TARTARI**, Stockholm School of Economics, Copenhagen Business School; **HC KONGSTED**, Copenhagen Business School

SPEAKERS:

CASSIDY R. SUGIMOTO, **MISHA TEPLITSKIY**, **ANNE TER WAL**, **VALENTINA TARTARI**, **HC KONGSTED**, **PAUL HÜNERMUND**, **YOTAM SOFER**

In recent years, academics have embraced social media platforms, and are using them for multiple purposes. Among these purposes one could list knowledge sharing, learning, keeping up-to-date with the research frontier, networking, career development, self-promotion and increased visibility (Chugh et. al., 2021). Studies have shown that the usage of social media by scientists is not uniform within and between disciplines, and between different platforms (Desrochers et. al., 2018). Additionally, while the scope of the phenomenon is still unclear, one can assume that the disruptions to the traditional channels of scientific communication (e.g. conferences, seminars) posed by the COVID-19 pandemic have increased the incentives to use these relatively new channels.

The new “public square” facilitated by social-media platforms allows scientists to communicate their knowledge to society as a whole. The presence of policymakers, journalists,

and scientists in the same virtual space facilitated a new, and powerful, tool for knowledge transfers and societal impact for academics. The promise (and risks) of social media use by academics is also derived from (some of) their design as non-hierarchical platforms, blurring the clear ranks within the scientific community. This could pose far-reaching effects on the rewards system in science as we know it.

In this PDW, we will review the existing knowledge on the usage of social media platforms by academics, discuss the opportunities, challenges of this new tool with first-hand experiences, as well as scholarly work’s insights. In addition, we will identify questions for future research, and present cutting-edge methods for social media data analysis.

PDW4: BREAKING BARRIERS: THE DRIVERS AND CONSEQUENCES OF COLLABORATIONS ACROSS DISCIPLINES, ORGANIZATIONS AND STAKEHOLDERS

Saturday, June 10, 09:00-12:00 (D-113)

ORGANIZERS:
MARIANNA MARRA, University of Sussex, ABHIJIT SENGUPTA, University of Surrey

SPEAKERS:
ISABEL MARIA BODAS-FREITAS, MAGDA FONTANA, MARTINA IORI, SORIN KRAMMER, MARTIN MEYER, PAUL NIGHTINGALE

Arriving at workable, efficient and sustainable solutions to complex societal and scientific challenges often require collaborative problem-solving across multiple boundaries such as research disciplines, institutions (universities, public and private research organizations, consultants) and stakeholders (researchers, industry, policy makers). Such collaborations are usually difficult to initiate and maintain, often due to high barriers set as a result of epistemological and ontological differences, differences in the evaluation of what constitutes a relevant output of research and the relevant time frame within which to deliver it, as well as geographic and cultural differences between the stakeholders. Yet, it is increasingly being realised that diversity within research, researchers and stakeholders is not just desirable, but an absolute necessity for tackling a plethora of problems. The PDW aims to highlight the complex interplay between the various factors that underlie this diversity and explore the theoretical dimensions of antecedents and consequences of this diversity. For instance, the discussion will focus on how researchers from multiple disciplines can effectively collaborate, where the strengths, weaknesses and opportunities of such collaborations lie, and what its impact could be on micro (researcher), meso (disci-

pline) and macro (organization) levels. The PDW will also explore themes such as interplay between inter-disciplinary and inter-organizational research, that is, how simultaneously reaching out across multiple boundaries can help or hinder impact and stakeholders.

The PDW is organized in three parts: in the first, two invited speakers offer their knowledge of the innovation and collaboration dynamics in the research ecosystems, in the second a panel of scholars will shed light on the most recent trends in collaborations across disciplinary and institutional boundaries in the fields of innovation studies, technology management, business management, economics and strategy. In the third, we will have an interactive discussion involving the speakers, panellists and the audience in the form of thematic round tables, that will act as a springboard for new ideas around these topics, and look to trigger new projects and collaborations.

PDW5: INNOVATION DISCLOSURE

Saturday, June 10, 09:00-12:00 (D-114)

ORGANIZERS:
ALI MOHAMMADI, Copenhagen Business School; MARKUS SIMETH, Copenhagen Business School

SPEAKERS:
ROSEMARIE ZIEDONIS, GABRIELLE PELLEGRINO, ALDONA KAPACINSKAITE, ALEXANDRA ZABY, LORENZO PALLADINI, STEFANO BARUFALDI, GEORGE CHONDRAKIS, CINDY LOPES-BENTO, PAUL ANCKAERT

The availability of information on R&D outcomes is crucial for cumulative innovation efforts. One important channel is the patent system, which mandates that patent applicants disclose the technical details of their inventions. Many innovative companies also engage in the voluntary dissemination of R&D outcomes. One the one hand, disclosing R&D results may lead to various benefits for the disclosing firm, such as reduced information asymmetry between firms and financial markets, resulting in lower costs of capital. Greater openness may also imply greater opportunities in markets for technology or for initiating collaborative relationships. At the same time, disclosure is costly since competitors can learn from the disclosed information, increasing imitation and competitive threats. This basic tension is subject to considerable debate and scholarly research in Management, Economics, Finance and Accounting. This PDW aims to contribute to this stream of research by bringing together scholars focusing on different forms of innovation disclosure mechanisms, to consolidate the state-of-the art and to help building an active research community on this important topic.

The PDW is organized into two major parts. The first part will feature the presentation of four work-in-progress projects studying different forms of disclosure and access to information through the different channels of patents, trade secrets, and online search tools (i.e. Google). These presentations will highlight recent empirical findings, and each of them will receive feedback from another scholar with expertise on the topic. The second part includes a keynote speech with broader perspectives on the disclosure theme and aims to provide a more comprehensive understanding of research in this area, common measurement and/or methodological issues, and possible future avenues of research.

PDW6: THE FUTURE OF INNOVATION STUDIES

Saturday, June 10, 09:00-12:00 (D-115)

ORGANIZERS:

PEDRO DE FARIA, University of Groningen; **ANDREA MORRISON**, Utrecht University; **ALESSANDRA PERRI**, LUISS University; **VERA ROCHA**, Copenhagen Business School

SPEAKERS:

MARION DUMAS, **ANNE-LAURE FAYARD**, **ANDREA MORRISON**, **FLORIAN NOSELEIT**, **MARION POETZ**, **BILGEHAN UZUNCA**

The future looks challenging. The ongoing worldwide transformations – spanning climate change, ageing population, digital transformation, and resource depletion – have put our society in check for the next decades. This calls for a reflection about the future of innovation studies. “The future cannot be predicted, but futures can be invented” (Gabor, 1967).¹ In the spirit of this quote, this PDW takes stock of past research on the economics and management of innovation and invites for a reflection about the future of innovation studies. It marks the 30th anniversary of Industry and Innovation and constitutes an opportunity to look both into the past and into the future of innovation studies. In this vein, it intends to give a voice to our community of scholars, collect their perspectives on how “futures can be invented” when it comes to designing a research agenda for innovation studies, and thereby inspire and pave the way for the next 30 years of research on the dynamics of industries and innovation.

The PDW is organized in three components. In the first part, we will take stock of past research in innovation studies and reflect on a few topics that have become established but will need some renewal moving forward, to incorporate the latest insights from the real world, account for enriching interdisci-

plinary perspectives, and adopt novel and promising methods and research approaches. The second component will include presentations on some emerging themes that are becoming increasingly central in the innovation research agenda, partly due to the recent transformations and global challenges posing new threats to sustainability, economic development and social stability. This component of the PDW aims not only at showcasing relevant examples of the variety of urgent topics that the innovation community will have to tackle in the next future, but also at forging closer links between different parts of such community that, so far, have been disconnected from one another. The third and final component will gather the various speakers in a panel discussion aimed at brainstorming about innovative practices in innovation research and engaging the audience on subjects such as the opportunities and challenges of interdisciplinary teams and projects, the role of mixed-methods studies, new approaches to the review process in academic journals, and alternative ways of producing scientific knowledge (e.g., the role of open science in the future of innovation research).

COFFEE CONVERSATIONS

Saturday, June 10: 14:30-15:00 and 16:30-17:00

Sunday, June 11: 10:30-11:00 and 14:30-15:00

Monday, June 12: 10:30-11:00 and 14:30-15:00



Coffee Conversations take place twice a day at the KPMJ Gallery

A Lot Can Happen Over Coffee

Assembling so many good people under one roof, DRUID23 certainly offers you the possibility for great, challenging and innovative Coffee Conversations



DRUID DEBATE on EXPERT JUDGMENT IN INNOVATION, SCIENCE AND ENTREPRENEURIAL DECISION-MAKING

Saturday, June 11, 13:00-14:30 (Jerónimo Martins Grand Auditorium)
Moderator: PAOLA CRISCUOLO

MOTION: “EXPERT JUDGMENT IS GIVEN EXCESSIVE RELIANCE IN INNOVATION, SCIENCE AND ENTREPRENEURIAL DECISION-MAKING, AND MANAGERS AND FUNDERS WOULD BE BETTER OFF RELYING ON RANDOMISATION TO A MUCH HIGHER DEGREE”

SPEAKING FOR THE MOTION:



CHIARA FRANZONI

Chiara Franzoni is Professor in the School of Management at Politecnico University of Milan, Italy. Her research focuses on economics of science, innovation,

Intellectual Property rights, and the funding of science and technology. In the area of economics of science, she has investigated the responses of scientists to different types of incentives on career events and has conducted large cross-country studies on the international mobility of researchers. In the area of economics of innovation, she has studied academic entrepreneurship and the crowdfunding of science and technology. Dr. Franzoni is now studying Grant Peer Review and the way in which experts take decisions in conditions of uncertainty, such as choosing which research projects to fund. She is particularly interested at the judgment of high-risk high-reward research. Her current work is sponsored by the Alfred P. Sloan Foundation and the Novo Nordisk Foundation. Her research has been published in Science, the Proceedings of the National Academy of Sciences, Nature Biotechnology, Entrepreneurship Theory and Practice, the Journal of Management Studies, Research Policy and elsewhere.



GARY DUSHNITSKY

Gary Dushnitsky is an Associate Professor of Strategy & Entrepreneurship at London Business School. He also serves as a Senior Fellow at The Mack Institute for

Innovation Management at The Wharton School (University of Pennsylvania).

Gary's work focuses on the economics of entrepreneurship, innovation and marketplaces. He explores the shifting landscape of entrepreneurial finance, exploring such topics as accelerators, corporate venture capital and crowdfunding. His research appeared in leading academic journals, such as Academy of Management Journal, Organization Science, Research Policy, Strategic Management Journal, Strategic Entrepreneurship Journal, and Nature Biotechnology.

Gary serves as the Co-Editor of the Strategic Entrepreneurship Journal, and prior to that served as a Senior Editor at Organization Science. He received several academic distinctions including the 2013 SMS Emerging Scholar Award, the 2009 Kauffmann Junior Faculty Fellowship, and several best dissertation prizes.

SPEAKING AGAINST THE MOTION:



FLORENTA TEODORIDIS

Florenta Teodoridis is an Associate Professor of Management and Organization at the University of Southern California, Marshall School of Business. Her main areas of interest are the

economics of innovation and science, creativity and the impact of technology on society. She investigates factors that influence the rate and direction of technological advancements, such as research tools, collaborations and breadth and depth of expertise, and the impact of technological advancements, such as artificial intelligence and quantum computing, on business strategy and productivity. Florenta's work has been published in Management Science, American Economic Journal, Administrative Science Quarterly, Organization Science and Strategic Management Journal, among others. Prior to academia, Florenta was a project manager and technical consultant for various data-driven large-scale business decision-making projects, in a variety of industries such as publishing, market-research, health-care and automotive.



J.P. EGGERS

J.P. Eggers is a Professor of Management & Organizations at NYU's Stern School of Business. His research focuses on two spheres – the interactions between firms, technologies, and industries, and the decision-

making processes within organizations. In melding the two spheres, example projects include investigating how organizations deal with competing and uncertain technological options, and how managers help to lead adaptation in incumbent firms. His teaching covers strategy, innovation, entrepreneurship, and data analytics. He is currently the Vice Dean of MBA & Graduate Programs.

DRUID DEBATE on LEAN START-UPS

Monday, June 12, 13:00-14:30 (Jerónimo Martins Grand Auditorium)
Moderator: KELD LAURSEN

MOTION: “THE LEAN START-UP APPROACH REPRESENTS A GIANT LEAP FOR OUR UNDERSTANDING OF ENTREPRENEURSHIP”

SPEAKING FOR THE MOTION:



YULIYA SNIHUR

Yuliya Snihur is an Associate Professor of Strategy, Innovation, and Entrepreneurship at TBS Education in Toulouse, France. She defended her dissertation at IESE Business School on the

topic of antecedents and consequences of business model innovation, which was granted the 2014 Heizer dissertation award by the AOM ENT Division. Her research interests cover business models, innovation, and cognition in both new and established firms in contexts of technological change and evolving ecosystems. She explores linguistic approaches, such as framing, used in innovation processes. Yuliya currently serves as an Associate Editor of Journal of Management Studies.



CHRISTOPHER L. TUCCI

Christopher L. Tucci is Professor of Digital Strategy & Innovation at Imperial College Business School and Co-Director (Education) for I-X, Imperial’s new campus concept centred on AI/

ML, data, and digital. Professor Tucci is Academic Director of the Centre for Digital Transformation at Imperial College Business School as well. He was Professor of Management of Technology at the Ecole Polytechnique Fédérale de Lausanne (EPFL), where he held the Chair in Corporate Strategy & Innovation. From 2013-2018, he was Dean of the College of Management at EPFL. In 2018, he was Visiting Thought Leader at CEIBS in Shanghai, China. He received the degrees of Ph.D. in Management from the Sloan School of Management, MIT; SM (Technology & Policy) from MIT; and BS (Mathematical Sciences), AB (Music), and MS (Computer Science) from Stanford University. He was an industrial computer scientist involved in developing Internet protocols and applying artificial intelligence tools. Professor Tucci teaches courses in Deep Tech Acceleration, Design Thinking, Digital Strategy, and Innovation Management. His primary area of interest is in how firms make transitions to new business models, technologies, and organizational forms. He also studies crowdsourcing, Internet-working, and digital innovations. He has published articles in, among others, Academy of Management Review (AMR), Strategic Management Journal, Management Science, Research Policy, Communications of the ACM, Strategic Entrepreneurship Journal, Academy of Management Annals, and Journal of Product Innovation Management. His article with Allan Afuah, “Crowdsourcing as solution to distant search,” won the Best Paper of 2012 for AMR. He has served in leadership positions in the Academy of Management (AOM) and the Strategic Management Society.

SPEAKING AGAINST THE MOTION:



ELENA NOVELLI

Elena Novelli is Professor of Strategy at Bayes Business School of City, University of London, where she serves as the Co-Director of the Digital Leadership Research Centre. She

holds a Ph.D. in Business Administration and Management and an M.Sc., cum laude, in Business Administration from Bocconi University, Milan.

Elena Novelli’s research interests and expertise concern the strategic management of knowledge, technology and innovation. Her work has been published in top academic journals including Academy of Management Review, Academy of Management Annals, Organization Science, Research Policy, and Journal of Management, and has been recognized with multiple awards including the 2021 Strategic Management Society Best Paper Prize, the 2021 DRUID Best Paper Prize, the 2021 Academy of Management STR Distinguished Paper Award in Innovation and Strategic Human Capital, the 2015 Strategic Management Society Best Paper IG Knowledge and Innovation Award and the 2013 SIIE.EBS/Mikroforum Best-Paper-Award Innovation Management. Her Ph.D. dissertation was selected as the Finalist for the Best Dissertation Awards from the Academy of Management (then BPS Division) and the Danish Research Unit on Industrial Dynamics (DRUID).



TEPPO FELIN

Teppo Felin is the Douglas D Anderson Endowed Professor of Strategy & Entrepreneurship and the Founding Director of the Institute for Interdisciplinary Study at the Huntsman School

of Business, Utah State University. From 2013-2021 Felin was Professor of Strategy at the University of Oxford’s Saïd Business School. He also served as the Director of the Oxford Diploma in Strategy & Innovation from 2016 to 2021. Professor Felin’s research focuses on strategy, entrepreneurship, and innovation. This research has been published in journals such as Organization Science, Strategic Management Journal, Academy of Management Review, Strategic Entrepreneurship Journal, and MIT Sloan Management Review. He actively collaborates with scholars in other disciplines (including biology, physics, and the cognitive sciences) and has published this research in outlets such as Psychonomic Bulletin and Review, Perception, Cornell Journal of Law and Public Policy, Erkenntnis, PLOS One, and Genome Biology.

NOMINEES FOR THE 2023 STEVEN KLEPPER AWARD FOR BEST YOUNG SCHOLAR PAPER

PAPER NO. 1: “‘I HEARD IT ON THE (SILK) ROAD’: STRUCTURAL AND CULTURAL PATHWAYS TO NOVELTY INTRODUCTION IN AN ONLINE COMMUNITY”



**ANA
MACANOVIC**

Utrecht University, Department of
Sociology



**DAMIANO MARIA
MORANDO**

Imperial College Business School,
Management and Entrepreneurship

ABSTRACT

Nowadays, online communities pioneer a wide range of highly relevant novelties affecting our physical, as well as digital, lives. Despite that, our knowledge of the features of those who originally introduce such novelties remains limited. Taking stock of a diverse, burgeoning set of scholarly traditions, we focus on users' cultural and structural embeddedness within their community as key antecedents of the introduction of an innovation into the community itself. We study this phenomenon in the context of a particular online community: that of Silk Road, an online community complementing a pioneering illegal marketplace situated on the Dark Web. We leverage the fact that, owing to its illegal content, all the interactions between Silk Road's participants occurred anonymously online. We exploit both network techniques and advanced text-mining methods to provide the most accurate depiction of participants' embeddedness in their communities, and the elusive concept of access to different types of knowledge. Moving beyond the current state of the art, we find that the role of structural embeddedness in supporting novelty generation hinges on access to diverse knowledge in the community, and that familiarity with cultural norms both promotes and constrains innovative potential.

PAPER NO. 2: “PATENT LITIGATION AND TECHNOLOGICAL KNOWLEDGE OF COURTS”



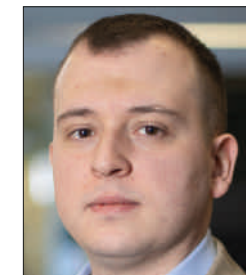
**CHARLIE
AN**

Washington University in St Louis,
Olin Business School

ABSTRACT

I examine how firms leverage the technological expertise of judges when enforcing patent rights at courts. During patent litigation, firms have to deal with technological knowledge gaps with judges trained in law but not in technology. Hence, on the one hand, bringing a case to more experienced judges can save the cost of firms from educating judges. On the other hand, the expertise of judges induces litigants to reveal more information about technology. To explore this trade-off, I analyze court targeting decisions of patent cases during 2006–2016 in the U.S.. I show that the expertise of judges reduces the education cost, especially when it comes to complicated or fast-changing technologies which contribute more to the absorptive capacity of courts. Meanwhile, the information revelation cost is more conspicuous for technologies with higher strategic importance or under fiercer market competition since the isolating mechanism of patents is further undermined. Complementary assets provide some protection against information leakage. A policy shock that shifts the distribution of court expertise over time further enriches the explanations. This study implies that institutions are subject to the same challenges that individuals comprising institutions face, and these challenges shape firms' strategies differently depending on underlying technologies and market environment.

PAPER NO. 3: “HOW SCIENTIFIC ORGANIZATIONS ADAPT TO NOVEL METHODOLOGICAL ADVANCES: THE IMPACT OF ALPHAFOLD V1”



**GABRIEL
CAVALLI**

University of Toronto, Rotman
School of Management,
Strategic Management

ABSTRACT

This paper analyzes the unexpected success of AlphaFold V1, an AI-based software program representing a publicly available and novel methodological advance within the “protein folding” (PF) subfield of computational biology. As a novel tool that represented a significant advance, AlphaFold V1 influenced the size and the expertise composition of academic labs already producing similar software in the PF subfield. Specifically, AlphaFold V1 caused the principal investigators of established academic research labs to reconsider the size, and the depth and breadth of expertise necessary to capitalize on the advance; and even to decide whether their labs should continue work in the PF subfield altogether. Results show that impacted labs adapted to the new methodological advance by becoming larger and broader in expertise. This study contributes findings on (i) the mechanisms of new opportunity and increased competition that shape lab composition; (ii) the complexity of science at the frontier of human expertise and artificial intelligence; and (iii) the role of companies in the collective effort to produce scientific knowledge. The results carry implications for further research on the integration of disciplinary insights, the scaled computational capabilities enabled by artificial intelligence, and the organization of science itself.

NOMINEES FOR THE INDUSTRY AND INNOVATION AWARD FOR BEST PAPER 2021

PAPER NO. 1: “ASBESTOS, LEADED PETROL, AND OTHER ABERRATIONS: COMPARING COUNTRIES’ REGULATORY RESPONSES TO DISAPPROVED PRODUCTS AND TECHNOLOGIES”



ALEX COAD

Waseda Business School, Waseda
University, Tokyo, Japan



GIANLUCA BIGGI

Responsible Management Research
Center, Department of Economics
& Management, University of Pisa,
Pisa, Italy



ELISA GIULIANI

Responsible Management Research
Center, Department of Economics
& Management, University of Pisa,
Pisa, Italy

Industrial innovation churns out increasingly unnatural products and technologies amid scientific uncertainty about their harmful effects. We argue that a quick regulatory response to the discovery that certain innovations are harmful is an important indicator for evaluating the performance of an innovation system. Using a unique hand-collected dataset, we explore the temporal geography of regulatory responses as evidenced by the years in which countries introduce bans against leaded petrol, asbestos, DDT, smoking in public places, and plastic bags, as well as introducing the driver’s seatbelt obligation. We find inconsistent regulatory responses by countries across different threats, and that countries’ level of economic development is often not a good predictor of early bans. Moreover, an early introduction of one ban is not strongly related to the relative performance in regard to another ban, which raises possible questions about the coherence of regulatory responses across different threats.

PAPER NO. 2: “PERIPHERAL VISIONS: THE FILM AND TELEVISION INDUSTRY IN GALWAY, IRELAND”



DOMINIC POWER

Department of Human
Geography, Stockholm University



PATRICK COLLINS

School of Geography, Archaeology
and Irish Studies, National University
of Ireland Galway

This paper attempts to blur the periphery versus centre binary by considering the emergence of a small, but vibrant, agglomeration of cultural industries in Galway, Ireland. Key agents in this story include postcolonial activists, Irish language supporters, Hollywood directors, and local politicians. This is an example of an industry agglomeration in a ‘peripheral’ setting and in the context of a threatened language. Language, culture and community are argued to be fundamental to the case and can be traced back to an under-represented community finding a voice for itself. It is argued that studies of industry and innovation should not ignore small scale or peripheral cases; that being in the periphery can be an asset in terms of entrepreneurship, creative freedom and field formation; that periphery must be set in a relational framework; and that the medium of cultural production must be part of understanding industrial dynamics and innovation.

PAPER NO. 3: “ON THE SUDDEN RISE OF DUTCH SCIENCE AT THE END OF THE NINETEENTH CENTURY: A CORE-PERIPHERY APPROACH”



GIOVANNA CAPPONI
Innovation Studies, Copernicus Institute of Sustainable Development, Utrecht University, Utrecht, Netherlands



KOEN FRENKEN
Innovation Studies, Copernicus Institute of Sustainable Development, Utrecht University, Utrecht, Netherlands

This paper analyzes the remarkable success of Dutch scientists near the end of the nineteenth century, as exemplified by five Nobel laureates in the period 1901–1913. Some historians suggest that the key factor contributing to the sudden rise of Dutch science was the establishment of a new type of high school, called HBS, which generated unprecedented social mobility of middle-class pupils to Dutch universities. The HBS also provided a pathway for its science teachers to write a PhD thesis outside the walls of the university. Taking a core-periphery approach, we compare the effects of an HBS-background (periphery) and Royal Academy membership (core) on the recognition that Dutch professors. Consistent with core-periphery theory, we find that professors who taught at the HBS while writing their PhD – remote from university influences – made the most creative contributions to science, and also confirm that academy members were attributed more success than non-members.

BEST REVIEWERS FOR INDUSTRY AND INNOVATION 2022

Industry and Innovation has introduced the “Best Reviewer Awards” to acknowledge the outstanding contribution of reviewers who excelled with their timely, insightful, and professional reviews during the previous year. Industry and Innovation is grateful for the service that all reviewers have offered to our community of scholars in 2022. Among all those who contributed to the journal, we would like to publicly recognize the remarkable efforts of the following scholars:

- ANN-CHRISTIN KREYER, Max Planck Institute for Innovation and Competition
- BASTIAN KRIEGER, ZEW
- CHIARA DEL BO, University of Milan
- DIVYA SAXENA, London Business School
- FRANK NEFFKE, Harvard’s Center for International Development
- FULVIO CASTELLACCI, Centre for Technology, Innovation and Culture, University of Oslo
- HELI KOSKI, Etila Research Institute
- JULIA DE GROOTE, WHU - Otto Beisheim School of Management
- KAREN TU, University of Groningen
- KATHARINA SCHEIDGEN, University of Göttingen
- LAURIE CIARAMELLA, Institut Polytechnique de Paris
- LORENZO PALLADINI, University of Luxembourg
- MARTIN GOOSSEN, Department of Management of Old Dominion University in Norfolk, Virginia
- MARTIN MURMANN, Bern University of Applied Sciences
- MATHIAS BECK, ETH Zürich
- MATTHIJS JANSSEN, Utrecht University
- PAVAN KULKARNI, Indian Institute of Technology (IIT) Bombay
- ROMI KHER, Zicklin School of Business, Baruch College
- SHU “SUE” DENG, University of Texas at Dallas
- SOHVI HEATON, Leavey School of Business, Santa Clara University
- SUSAN HILBOLLING, School of Business and Social Sciences, Aarhus University

PARALLEL PAPER SESSIONS 1

SATURDAY, JUNE 10, 15:00-16:30

1 SCIENTIFIC PRACTICE: DISCRIMINATION AND GENDER

Saturday, June 10, 15:00-16:30, Room: D010, Chair: Jagriti Bhattacharyya 4

MARY KALTENBERG, LING ZHOU: "Does Maternity Hold Back "Marie Curies"?"
ROSSELLA SALANDRA, MARISA MIRALDO, PAOLA CRISCUOLO: "Excluding The Deserving: Failing to Assign Credit when Updating System-atic Reviews"
CAROLINA BILIOTTI, MASSIMO RICCABONI, LUCA VERGINER: "Gender Bias in Emerging New Research Topics: The Impact of Covid-19 on Women in Science"
Discussants: REKHARAO-NICHOLSON, JOHANNES ROSS

2 ENTREPRENEURSHIP: STRATEGY AND PERFORMANCE

Saturday, June 10, 15:00-16:30, Room: E107, Chair: Paul Hünermund 14

NATALIYA WRIGHT: "Where Strategy Matters: Evidence from a Global Startup Field Study"
KRISTER SALAMONSEN, ROGER SØRHEIM, ALEKSANDER MILLANG: "Exploring the Growth Trajectory of an Entrepreneurial Firm: A Longi-tudinal Study"
HEIKO BERGMANN: "Market Size Expectations and Early-Stage Venture Profitability – The Unexpected Role of Product Novelty"
Discussants: SUSAN PERKINS, LUIS CABRAL

3 ECOSYSTEMS: COMPLEMENTORS

Saturday, June 10, 15:00-16:30, Room: E105, Chair: Peter Maskell 23

ALEXANDRA CARST, YIMEI HU: "Complementors' Capabilities in Innovation Ecosystems: Dealing with Interaction Challenges in The Wind Energy Ecosystem"
CHANG LIU, FRANCO MALERBA, ROBERTO FONTANA: "How Friends may become Foes: The Origins of Market Entry of Complementors in New Technology Generations"
YI LIN, BIRGIT ANDRINE SOLEM, RICHARD REINSBERG: "What About Complementors? A Capability-Based View on Complementors in Aligning with Transaction-Based Platforms Ecosystems"
Discussants: MOHAMMAD NASIRI, CONSTANTIN PROX

4 MARKETS FOR TECHNOLOGY: CHOICE OF OPENNESS

Saturday, June 10, 15:00-16:30, Room: E004, Chair: Yan Bai 28

CHING LIAO, MEHDI BAGHERZADEH, STEFAN MARKOVIC, VESNA DAMNJANOVIC: "Choosing Between Closed and Open Innovation"
PAOLO CARIOLI, DIRK CZARNITZKI: "Skills Shortage and Innovation Openness"
DO YOON KIM: "Product Market Performance and Openness: The Moderating Role of Customer Heterogeneity"
Discussants: MUSTAPHA BELKHOJA, CHENGDI FA

5 MARKETS FOR TECHNOLOGY: KNOWLEDGE FLOWS

Saturday, June 10, 15:00-16:30, Room: E005, Chair: Michaël Distelmans 29

CORNELIA STORZ, EGBERT AMONCIO, TIAN CHAN: "Computer Vision and Product Design Visual Similarity: How Design Knowledge Flows"
JULIAN JUST: "Natural Language Processing for Innovation Search – Reviewing an Emerging Non-Human Innovation Intermediary"
MARLON ALVES, VINCENZO VASTOLA: "A Word to the Wise: Investigating the Differential Effects of Cognitive Types on Informal Knowl-edge Sharing"
Discussants: INA DREJER, LORENZO CASSI

6 MARKETS FOR TECHNOLOGY: IP STRATEGY

Saturday, June 10, 15:00-16:30, Room: D004, Chair: Vera Rocha 32

GABRIELE PELLEGRINO, GAÉTAN DE RASSENFOSSE, EMILIO RAITERI: "Do Patents Enable Disclosure? Evidence from the Invention Secrecy Act"
MAARTEN CERPENTIER, ANJA SCHULZE, TOM VANACKER, SHAKER ZAHRA: "An Uneven Affair: Intellectual Property Protection and New Product Introductions among Small and Large Firms"
TSUNG-HSIEN HAN, HUAN-WEI LIANG, HUANG-CHIH SUNG: "Unveiling Resource Invalidation Strategy from The Knowledge-based View: An Ambidextrous Approach"
Discussants: ANTONIO VEZZANI, SU JUNG JEE

7 THE DIGITAL ECONOMY: DIGITAL ENABLING TECHNOLOGIES

Saturday, June 10, 15:00-16:30, Room: D-110, Chair: Lily-Anne Hons 50

XIAODAN YU: "Catching Up in the Era of The Fourth Industrial Revolution: Evidence from Chinese Firms"
ANNA-SOPHIE LIEBENDER-LUC, DIETMAR HARHOFF, STEFANO BARUFFALDI: "Paradigm Battle and Mutually Enabling Technologies – The Case of Neural Networks and Graphics Processing Units"
MARCUS LINDGREN ALVES, ANA BURCHARTH, ROSILEIA MILAGRES, DOUGLAS WEGNER: "How do Disruptive Technologies Impact Collabora-tive Governance? A Study in the Blockchain Context"
Discussants: JESPER CHRISTENSEN, DUYGU BUYUKYAZICI

8 THE DIGITAL ECONOMY: CROWD INVOLVEMENT

Saturday, June 10, 15:00-16:30, Room: D-111, Chair: Daniel Souza 59

ANNALISA CALOFFI, ANA COLOVIC, FEDERICA ROSSI, JIACHEN YANG: "Crowdsourcing Societal Goods and Services: Evidence from the Re-cent Covid-19 Pandemic"
MATTHIAS TROEBINGER, SEN CHAI: "Harnessing the Crowd: How Ventures Learn to "Bounce Back" from Failure"
SUSANNE BECK: "Increasing the Depth of Crowd Involvement: Decision Making and Co-Creation Challenges in Science"
Discussants: LUIS ENRIQUE PEDAUGA, LINDA BANDELOW

9 INDUSTRIAL DYNAMICS: MERGERS AND ACQUISITIONS

Saturday, June 10, 15:00-16:30, Room: D-114, Chair: Julia Mazzei 63

VIIVI IMMONEN, MIRVA PELTONIEMI: "Acquiring an R&D Unit: Who Stays, Who Leaves and Why?"
GORDON WALKER, FAN XIA: "Strategic Renewal and Resource Redeployment in Horizontal Acquisitions"
YANGYANG CHENG, CARMELO CENNAMO, CLAUDIO PANICO: "Big Tech's Impact on Innovation Trajectories: Dynamic Relation between Corporate Activities and Market Activities"
Discussants: THEODOR VLADASEL, YING ZHANG

10 INDUSTRIAL DYNAMICS: INCUMBENTS AND ENTRANTS

Saturday, June 10, 15:00-16:30, Room: E002, Chair: Pietro Santoleri 64

MIRELLA SCHRIJVERS, JAN JACOB VOGELAAR: "Are High-growth Firms good for Society? Value Creation by High-growth Firms"
TOM NEUHAUSER: "Incumbents' Adaptation to Disruption Emerging from the Informal Economy"
AHMADREZA MOSTAJABI, ALDONA KAPACINSKAITE, KEYVAN VAKILI: "Not so Fast: How Large-scale Market Entry Impacts Firm Perfor-mance and Innovation"
Discussants: CRISTIAN GRANADOS, RYAN WHALEN

11 NEW METHOD APPROACHES: MAPPING AND TRACKING

Saturday, June 10, 15:00-16:30, Room: D005, Chair: Martina Buratti 67

NICOLA MELLUSO, SAM ARTS, REINHILDE VEUGELERS: "Tracing the Endless Scientific Frontier in Publication Text"
MEI YUN LAI: "Unpacking Uncertainty, Open Science and Intellectual Property Rights: A Computational Literature Review"
STANISLAV VLASOV: "Towards Reproducible Innovation Research: Review and Evaluation of Existing Name Standardization Methods"
Discussants: SORIN KRAMMER, RODRIGO ITO

12 GEOGRAPHIES OF INNOVATION: GLOBAL VALUE CHAINS

Saturday, June 10, 15:00-16:30, Room: E109, Chair: Valentina Forrer 71

LI LANHUA, ELENA GOLOVKO, CAN HUANG: "The Complementarity between Imports and R&D for Emerging Market Firms"

FRANZISKA TINNEFELD: "Decomposing the Effect of GVCs on Innovation"

FABRIZIO FUSILLO, SILVIA NENCI, CARLO PIETROBELLI, FRANCESCO QUATRARO: "Co-evolutionary Patterns of GVC-trade and Knowledge Flows in the Mining Industry: Evidence from Latin America"

Discussants: GIORGIO TRIULZI, ROBIN CLERCKX

13 GEOGRAPHIES OF INNOVATION: REGIONAL TECHNOLOGICAL DEVELOPMENT

Saturday, June 10, 15:00-16:30, Room: E111, Chair: Jessica Birkholz 75

FLORENCIA JACCOUD, TOMMASO CIARLI, TERESA FARINHA, FABIEN PETIT, MARIA SAVONA: "The Adjustment of Labor Markets over Automation Cycles: An Analysis of European Regions"

ROBERT GILLANDERS, MARTINA IORI, ANDREA MINA, SILVIA ROCCHETTA: "Technological Diversification Shocks and the Growth of Regions"

GENGHAO ZHANG, MILAD ABBASIHAROFTEH: "The Yin and Yang of Knowledge Diffusion: An Empirical Study of Collaborative AI Technology Development and Application"

Discussants: GUILLERMO RUIZ-PAVA, ILARIA MANCUSO

14 POLICY: PRIVATE-PUBLIC COLLABORATION

Saturday, June 10, 15:00-16:30, Room: Doo8, Chair: Virginia Springer 80

LAUREN LANAHAN, IMAN HEMMATIAN, EVAN JOHNSON, AMOL JOSHI: "Drivers of Firm-Government Engagement for Technology Ventures"

IRINA ISAEVA, MARIANNE STEINMO, THOMAS LAUVÁS, EINAR RASMUSSEN, MARKUS PERKMANN: "Innovation Theatre Strategies Unfolding in University-industry Research Centers"

ESKIL ANDERSEN, PRIMOZ KONDA, ROMAN JUROWETZKI: "Why is It so Complicated? A Supplier Perspective on Collaborative Innovation in Large Public Institutions"

Discussants: ARVIDS ZIEDONIS, FLORIAN HULFELD

15 POLICY: SOCIALISM AND SECESSION

Saturday, June 10, 15:00-16:30, Room: Doo9, Chair: Simon Fokkema 87

ANN HIPPE, BJÖRN JINDRA, KEHINDE MEDASE: "Knowledge for the Plan - Productivity Effects of Inventorship in a Socialist Economy"

MARIA GREVE: "Shades of a Socialist Legacy? Innovation Activity in East and West Germany 1877-2014"

ELISA ALVAREZ-GARRIDO, JUAN ALCÁZER: "Economic Disintegration and Entrepreneurial Investment: The Natural Experiment of Brexit"

Discussants: STEPHEN ROPER, STEFAN APOSTOL

16 VENTURE CAPITAL: EVALUATION

Saturday, June 10, 15:00-16:30, Room: D-112, Chair: Alina Sagimuldina 94

LAURIE CIARAMELLA, DAVID HELLER, LEO LEITZINGER: "Intellectual Property as Loan Collateral"

BENOIT DECRETON, PHILLIP NELL, LUKAS KOLLINGBAUM: "Startup Evaluations by Senior Managers: Evidence from a Corporate Accelerator"

ENLAN WANG: "The Exuberant Quantification of Market Opportunities: Prospect Metrics and Valuation of Innovation"

Discussants: GHASSAN YACOUB, VIRGILIO FAILLA

17 VENTURE CAPITAL: ANALYSTS AND ALGORITHMS

Saturday, June 10, 15:00-16:30, Room: D-113, Chair: Shreyas Gadgin Matha 96

ANKUR CHAVDA: "Asset Ownership and Project Selection"

ABHISHEK BHATIA: "Fanning the Flames of Burn: Investor's Growth Orientation, Board Control, and Startup's Cash Burn"

MOHAMMAD SADRI, ALI MOHAMMADI, POOYAN KHASHABI: "Stigma and Political Ideology of Financial Analysts"

Discussants: CHIA-LING CHAO, MARKUS TRUNSCHKE

18 CHOICE AND DECISION MAKING: ATTITUDE AND VISION

Saturday, June 10, 15:00-16:30, Room: D-115, Chair: Matthias Deschryvere 100

MARIE BEMLER: "When Visions of the Future Become the Whole Solution: Challenges Created from Future Path Optimism"

ANISA SHYTI: "A Brief Account on Attitudes toward Ambiguous Time"

FAKHER OMEZZINE, ISABEL-MARIA BODAS-FREITAS, MATTHIAS STAESSENS: "Reactive and Passive Adaptation: A Cognitive Approach to the Firms' Aspiration"

Discussants: ANJA SCHULZE, JOHN-ERIK BERGKVIST

19 LABOR AND TALENT: WORKSPACE AND HYBRID WORK

Saturday, June 10, 15:00-16:30, Room: E003, Chair: Louise Lindbjerg 102

CHUNGUN YOON: "The Direction of Innovation and Work from Home"

WANWI JU, GUIJUNG KIM, WONJOON KIM: "Impact of Coworking Space on Firm's Performance within the Entrepreneurial Ecosystem"

ALESSANDRA MIGLIORE, ALFONS MARREWIK: "Academics Navigating Hybrid Work: Spatial Tensions and Practices of Appropriation"

Discussants: ANUSHA SIRIGIRI, ALBERTO CORSINI

20 ORGANIZATIONAL BEHAVIOR: INNOVATION CONTESTS

Saturday, June 10, 15:00-16:30, Room: Doo7, Chair: Qiong Wu 108

MATHIAS BOËNNE, BART LETEN, WALTER VAN DYCK: "How to Design Idea Contests to Boost Ideation Generation Performance – A Qualitative Comparative Analysis"

CHRISTOPH GRIMPE, MARION POETZ, NATHAN RIETZLER, FLORIAN WALDNER: "Cooperating or not in Innovation Contests? Effects and Boundary Conditions of Competitive Reward Structures"

MARIA HALBINGER, JÖRG CLAUSSEN, LIOR ZALMANSON: "Introducing Contests to a Social Community: The Effects of Contest Participation on a User-generated Content Platforms"

Discussants: JOANA PEREIRA, GABRIEL CAVALLI

PARALLEL PAPER SESSIONS 2

SATURDAY, JUNE 10, 17:00-18:30

21 SCIENTIFIC PRACTICE: INTERPERSONAL NETWORKS

Saturday, June 10, 17:00-18:30, Room: D010, Chair: Kyungnam Kim 8

BYEONGWOO KANG, RUDI BEKKERS: "The Determinants of Parallel Invention: Measuring the Role of Information Sharing and Personal Interaction between Inventors"

YING ZHANG, YUAN SUN, XIAOMIN LIU, JING HE: "International Collaboration Pay-offs from International Academic Mobility: From the Perspective of Length-width-depth"

ECEM BILGE DELICIK: "Collaboration Networks and the Future Use of Inventors' Output: The Interplay between Cognitive Proximity and Brokerage"

Discussants: LARS FREDERIKSEN, CHRISTIAN STERNITZKE

22 ENTREPRENEURSHIP: SOCIAL ENTREPRENEURSHIP

Saturday, June 10, 17:00-18:30, Room: E107, Chair: Florencia Jaccoud 13

THEODOR VLADASEL, SIMON PARKER, RANDOLPH SLOOF, MIRJAM VAN PRAAG: "Revenue Drift, Incentives, and Effort Allocation in Social Enterprises"

JOHN-ERIK BERGKVIST: "Behavioral Foundations of Communal Economic Organization: A Dynamic TCE Perspective"

MATTHIAS STAESSENS, JOHAN BRUNEEL, JURGEN WILLEMS: "Entrepreneurial Orientation in Nonprofits: A Strategic Management Perspective"

Discussants: CASSANDRA CHAMBERS, MAGGIE MEI

23 ENTREPRENEURSHIP: MIGRANT ENTREPRENEURS

Saturday, June 10, 17:00-18:30, Room: E109, Chair: Subhan Shahid 21

SANDRA ATEF LAWENDY ATIA, MAURICIO MERCADO, MARIAM HUSSEIN: "Acculturation, Integration, and Refugee Entrepreneurship: A Cross-Cultural Study "

JOSHUA BEDI, JOSÉ MATA: "Pathways to Entrepreneurship: Migration and Citizenship"

KURIAN GEORGE, MARIA MINNITI, TODD MOSS, TRENT WILLIAMS: "Framing Tactics and Legitimation Work of Refugee Entrepreneurs"

Discussants: MANUEL GOMEZ SOLORZANO, QIANG XIONG

24 INNOVATION STRATEGY: SEARCH

Saturday, June 10, 17:00-18:30, Room: E003, Chair: Tim Seidinger 25

MATTHIAS PLOEG, JORIS KNOBEN: "The Need for Speed? A Configurational Analysis of the Speed of Problemistic Search Decisions "

VALENTINA FORRER, ALESSANDRO NARDUZZO: "Nurturing Innovation through Intelligent Failure: The Art of Failing on Purpose"

EKATERINA MAVRINA: "Dependent-Independent: Shaping Landscape in Coupled Search"

Discussants: MEHDI MONTAKHABI, KYLE MYERS

25 MARKETS FOR TECHNOLOGY: DISCLOSURE AND LICENCING

Saturday, June 10, 17:00-18:30, Room: E005, Chair: Maarten Cerpentier 27

SZABOLCS SEBREK, TOKE REICHSTEIN, BETSABÉ PÉREZ GARRIDO: "Open Innovation Strategy and Competitive Pressure: The Tension between the Need to Compete and Apprehension toward Information Leakage"

GEORGE CHONDRAKIS, CARLOS SERRANO, ROSEMARIE ZIEDONIS: "Strategic Information Disclosure in Markets for Technology"

CLINTON OFOEDU, CHING LIAO, SOLON MOREIRA, THOMAS MAXIMILIAN KLUETER: "Demand for Technology Licensing: The Role of R&D Productivity Gaps"

Discussants: LUKAS FALCKE, ESKIL ANDERSEN

26 MARKETS FOR TECHNOLOGY: PATENT VALUE AND VALUATION

Saturday, June 10, 17:00-18:30, Room: D004, Chair: Nataliya Wright 33

GRID THOMA: "The Market Valuation of International Patenting Using a Real Option Approach: The Moderating Role of Uncertainty"

NEIL THOMPSON, CHRISTOPHER TUCCI, HYO KANG, ALBINA KHAIRULLINA: "Should Firms Hold more Patents? A Randomized Control Trial on the Commercial Value of Patent Protection"

JIA ZHANG, JIAN WANG, SIMCHA JONG: "Patent Novelty and Private Value: Unpacking Dissimilarity and Disruptiveness Effects"

Discussants: CHRISTOPH GRIMPE, PEDRO ACEVES

27 THE DIGITAL ECONOMY: POLICIES FOR DIGITAL TRANSFORMATION

Saturday, June 10, 17:00-18:30, Room: D-110, Chair: Yoon-Kyung Kim 52

ANTONIO UGHI, ANDREA MINA: "Digital Advantage: Evidence from a Policy Evaluation of Adoption Subsidies"

JASMIN SEITZ, CLAUDIA DOBLINGER, KASHINA PERLINGER: "More Money, More Digital? The Impact of State Grants on Digital Transformation in Small and Medium-sized Enterprises"

MATEJ BAJGAR, MARTIN SRHOLEC: "Crowding in or Crowding Out? Evidence from a Discontinuity in the Assignment of R&D Subsidies"

Discussants: VIDYA ORUGANTI, DIMA YANKOVA

28 THE DIGITAL ECONOMY: EMPLOYMENT EFFECTS

Saturday, June 10, 17:00-18:30, Room: D-111, Chair: Mehdi Ibn Brahim 57

JESÚS GARCÍA ROMANOS, ESTER MARTINEZ-ROS, EDUARDO MELERO: "Digitalization and Workforce Restructuring: Does Ignoring the Digital Transformation Lead to an Increase in Mass Layoffs?"

MARTIN HENNING, EMELIE HANE-WEIJMAN, OLA BERGSTRÖM: "Firms, Machines and Manufacturing Jobs: Evidence from Sweden"

JAMES BESSEN, CESARE RIGHI: "Information Technology And Firm Employment"

Discussants: CHIARA FRANZONI, VIIVI IMMONEN

29 INDUSTRIAL DYNAMICS: DEMAND PERSPECTIVES

Saturday, June 10, 17:00-18:30, Room: E002, Chair: Anders Råve 60

BRICE DATTEE, LLEWELLYN THOMAS, ERKKO AUTIO: "The Limits of Innovation Ecosystem Strategy: A Demand-side View"

DEYULI: "Demand Environments, Technological Trajectories and the Industry Dynamics of Lithium-based Batteries "

Discussants: KRISTER SALAMONSEN, THEKLA DEKKER

30 NEW METHOD APPROACHES: NEW DATA TYPES

Saturday, June 10, 17:00-18:30, Room: D005, Chair: Viktor Salenius 68

MILAD ABBASIHAROFTEH, MIRIAM KRÜGER, JAN KINNE, DAVID LENZ, BERND RESCH: "The Digital Layer: Alternative Data for Regional and Innovation Studies"

NIKAS SCHEIDT, FENJA SCHEU, PAVEL NEFEDOV, INGRID OTT: "Identification of Renewable Energy Trademarks – A Classification Study Using a Support Vector Machine"

PIETRO CRUCIATA, DAVIDE PULIZZOTTO, MIKAËL HEROUX-VAILLANCOURT, CATHERINE BEAUDRY: "First Impressions on Sustainable Innovation Matter: Using NLP to Evaluate the Environmental Readiness of Companies by Analyzing the Homepages of their Websites"

Discussants: MATTIA PEDOTA, ELENA GOLOVKO

31 GEOGRAPHIES OF INNOVATION: REGIONAL ENTREPRENEURSHIP AND INNOVATION

Saturday, June 10, 17:00-18:30, Room: E111, Chair: Tom Neuhauser 74

ENRICO BERGAMINI, FRANCESCO QUATRARO, ALESSANDRA SCANDURA: "Foreign Direct Investments and Local Recombinant Novelty: Evidence from European Regions"

JENNY LARSEN, THOMAS LAUVÅS: "Running the Business – Running the Place: Exploring Peripheral Firms' Regional Engagement"

JESSICA BIRKHOLZ: "Persistence of Regional Entrepreneurship Patterns: Quantity and Quality of Regional Business Opportunity Perception"

Discussants: ENRICO VANINO, MATTHIAS TROEBINGER

32 POLICY: R&D POLICY

Saturday, June 10, 17:00-18:30, Room: Doo8, Chair: Shreekanth Mahendiran 83

RENATO GARCIA, VENEZIANO ARAUJO, SARAH FERREIRA: "Using Dose response Analysis to Evaluate Public Support for R&D Expenditures"
HELENA LENIHAN, KEVIN MULLIGAN, MAURICIO PEREZ-ALANIZ, CHRISTIAN RAMMER: "Serving the Right Menu of R&D Policy Instruments to Firms: An Analysis of Policy Mix Sequencing"
LUIS ENRIQUE PEDAUGA, JOSÉ MANUEL RUEDA-CANTUCHE, ANABELA SANTOS, ANDREA CONTE: "Ex-ante Evaluation of Various Industry Allocation Scenarios of R&D Subsidies on the Economic Growth: Spanish Case Study"
Discussants: CORNELIA STORZ, GABRIEL DOS PASSOS

33 POLICY: NATIONAL INSTITUTIONS AND STANDARDS

Saturday, June 10, 17:00-18:30, Room: Doo9, Chair: Tsung-Hsien Han 86

FAKHER OMEZZINE, ISABEL-MARIA BODAS-FREITAS: "An Institutional Logic Perspective on the Relationship between Bribery and Product Innovation: Empirical Evidence from Mena Region"
ALINA SPANUTH, DAVID URBANO: "Social Entrepreneurial Ecosystem Development Amidst Disaster in a Developing Country Context: An Institutional Approach"
LUIS CABRAL: "Big Tech Acquisitions"
Discussants: ED SAIEDI, FABIA BECKERS

34 ECO-INNOVATION: DRIVERS

Saturday, June 10, 17:00-18:30, Room: E105, Chair: Tiago Louro Alves 91

EFFIE KESIDOU, JUN DUN, ANASTASIA RI, STEPHEN ROPER: "Drivers of Eco-Innovation Intensity: Evidence from UK SMEs"
KENO HAVERKAMP, ANTONIO ANTREONI: "Opening the Black Box of Learning Curves: The Role of Demand and Innovation on Cost Reductions in Solar PV and Onshore Wind Energy Projects"
INA DREJER, JACOB RUBÆK HOLM, CHRISTIAN ØSTERGAARD: "What Drives Innovation in Green Externality Technologies? The Case of Carbon Capture, Use, and Storage"
Discussants: BIRGIT ANDRINE SOLEM, GIANLUCA BIGGI

35 CHOICE AND DECISION MAKING: FEEDBACK AND EXPECTATIONS

Saturday, June 10, 17:00-18:30, Room: D-113, Chair: Chenlu Yin 97

KYUNG YUL LEE, HYUN JU JUNG, YOUNGSUN KWON: "The Impact of Performance Feedback on the Radicalness of Product Innovation: Early and Late Stages of the Smartphone Industry"
KAREN VAN TU, PASI KUUSELA, PEDRO DE FARIA, JORDI SURROCA: "Self-Enhancing soon? Organizations' delayed Problem-solving when Facing Multiple Negative Feedbacks"
DELIA MANGELKRAMER: "Informing Strategy-making in the Presence of Controversial Future Developments: Implications from Responsible Research and Innovation for Innovation Management"
Discussants: MARCO KLEINE, ALESSANDRA MIGLIORE

36 CHOICE AND DECISION MAKING: SIGNALING AND TYPECASTING

Saturday, June 10, 17:00-18:30, Room: D-112, Chair: Afonso Amaral 98

XIAN XU, OLIVER ALEXY, HAMID MAZLOOMI, DILAN AKSOY-YURDAGUL: "Breaking the Mold: Using Transformational Transitioning to Overcome Typecasting in Feature Films"
DIEGO ZUNINO, BRUNO CIRILLO, FILIPPO CARLO WEZEL, STEFANO BRESCHI: "New Entrants, Incumbents, and the Search for Knowledge: The Role of Job Title Ambiguity in the U.S. Information and Communication Technology Industry, 2004-2014"
KRISTIAN NIELSEN: "The Inwards and Outwards Signaling Effects of Grades in Business and Entrepreneurship Courses"
Discussants: FRANK VAN RIJNSOEVER, KENNETH HUANG

37 LABOR AND TALENT: TEAMS AND DIVERSITY

Saturday, June 10, 17:00-18:30, Room: Eoo4, Chair: Aleksander Millang 103

NICOLA CORTINOVIS, GIUSEPPE CRIACO, FRANK VAN DER WOUDE: "Better by Design? Collaboration and Performance in the Board-game Industry"
RYAN WHALEN, ALINA LUNGEANU, NEELAM MODI, LESLIE DECHURCH, NOSHIR CONTRACTOR: "Success in First-time Collaborations: Optimal Expertise Diversity"
LARISSA RABBIOSI, FRANCESCO DI LORENZO, ANUPAMA PHENE, PAUL ALMEIDA: "Mixed Ethnic Teams and Firm Innovation: Consequences of Internal Workings Choices of Organizations"
Discussants: KRISTINA ANDERSEN, XUEYUN LUO

38 ORGANIZATIONAL BEHAVIOR: TOP MANAGEMENT AND BOARDS

Saturday, June 10, 17:00-18:30, Room: Doo7, Chair: Fulton Eaglin 109

TATEVIK HARUTYUNYAN, BRAM TIMMERMANS, LASSE LIEN: "The Odd One Out: A Portfolio Perspective on Board Director Exit"
CHIA-LING CHAO, SHWU-MIN HORNG, YI-FU YU, YUAN-YAO CHANG: "CEO Turnover and Firm Innovation: The Role of Supply Chain Knowledge"
LILY-ANNE HONS, BART LETEN, RENE BELDERBOS, MARK VANCAUTEREN: "Convicted Top Managers and Risky Strategic Decisions"
Discussants: ANKUR CHAVDA, KRISTIN UNDHEIM

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SUNDAY, JUNE 11, 09:00-10:30

39 SCIENTIFIC PRACTICE: SCIENTISTS’ JOBS AND CAREERS

Sunday, June 11, 09:00–10:30, Room: D009, Chair: Dongmiao Zhang 0

NEUS PALOMERAS, EDUARDO MELERO: “The Effect of Job Security on Inventor Behavior”
INA GANGULI, RAVIV MURCIANO–GOROFF: “The Effect of Minimum Wage Changes on Scientific Production”
LARS FREDERIKSEN, MORENA RIVATO, MICHAEL ZAGGL: “Crowdfunding for Science: Knowledge Production and Career Trajectories of Individuals Seeking Crowdfunding for their Research”
Discussants: **BYEONGWOO KANG, ALEXANDRA BADORT**

40 SCIENTIFIC PRACTICE: CAREERS AND DISCONTINUITIES

Sunday, June 11, 09:00–10:30, Room: D010, Chair: Enrico Bergamini 6

LORENZO CASSI, CARMINE ORNAGHI: “Scientists’ Career in the Time of Acquisitions: Evidence from Pharmaceutical Industry”
AMAL BOUGHNIM, NICOLAS CARAYOL, PASCALE ROUX: “The Anatomy of Gender Gaps in Scientific Productivity across Career Cycles and Generations”
KUAN-YU TSENG, YEN-CHEN HO: “The Role of Female Star Inventors in Post-M&A Integration: The AMD-ATI Acquisition”
Discussants: **DIEGO ZUNINO, PAUL HAMILTON**

41 ENTREPRENEURSHIP: CONTINGENCY AND CONTEXT

Sunday, June 11, 09:00–10:30, Room: E107, Chair: Clinton Ofoedu 12

FAKHER OMEZZINE, JOJO JACOB: “Moving on by Moving Away: When Can Context Change Help Entrepreneurs Bounce back from Failure?”
KRISTIN UNDEHEIM: “Why Would You Build a House on Sand? An Explorative Study of Entrepreneurial Opportunity Development in Regulatory Sandboxes “
Discussants: **MARTIN KALTHAUS, SEBASTIAN NIEDERBERGER**

42 ENTREPRENEURSHIP: ACCELERATORS

Sunday, June 11, 09:00–10:30, Room: E109, Chair: Huan-Wei Liang 17

JUNGYUN HAN, CHARLES EESLEY: “Keep your Friends Close and your Enemies Closer?: The Impact of Accelerator Cohort Composition on Startup Outcomes”
MICHELE PINELLI, LUCA PISTILLI, ALESSIO COZZOLINO: “Paradoxical Execution for New Ventures’ Scalability: Evidence from Y Combinator”
ANDREAS LEUBNER, SIDDHARTH VEDULA: “Failing Fast: An Exploratory Analysis of Corporate Accelerator Program Survival”
Discussants: **HEIKO BERGMANN, DAMIANO MARIA MORANDO**

43 INNOVATION STRATEGY: RESOURCES AND COMPLEMENTARITY

Sunday, June 11, 09:00–10:30, Room: E003, Chair: Yi Lin 24

CONSTANTIN PROX, PHEBO WIBBENS: “The Shared Use Problem in Adaptation: When Firm Expansion Leads to the Creation of Complexity”
ED SAIEDI, VIKASH KUMAR SINHA, SIMON OKWIR: “Innovation Modes and Resourcing Choices: A Configurational Approach”
JASON SIGLER, JAIDEEP ANAND: “Trade-offs and the Substitution Paradox”
Discussants: **SIMONE SANTAMARIA, YANGYANG CHENG**

44 INNOVATION STRATEGY: COLLABORATIVE R&D

Sunday, June 11, 09:00–10:30, Room: E004, Chair: Bernhard Dachs 41

BYEONG-SEOK KOO: “Technological Distance between Firms and Joint R&D Performance”
SU JUNG JEE: “Intellectual Property Reassembly: A Novel Approach to Evaluate R&D Collaboration Outcomes”
MOHAMMAD NASIRI, ZILIN HE, GEERT DUYSTERS: “Dual Impact of Multi-Partner Alliances Diversity on Value Creation and Value Appropriation”
Discussants: **SENDA FATTOUN, RENUKA DEVIS KARTHIKEYAN**

45 ONLINE PLATFORMS: GOVERNANCE AND CONTROL

Sunday, June 11, 09:00–10:30, Room: D005, Chair: Marit Holler 42

MATTEO DEVIGILI, SIMONE SANTONI: “Ctrl-OSS: Controlling Linux”
JOANA PEREIRA, ALJONA ZORINA: “The Conflict must Go On! Coordination Mechanisms for Conflict Resolution in Open-Governance Online Communities”
VIRGINIA SPRINGER: “A Systematic Review of Platforms Ecosystem Literature: Theoretical Assumptions and Avenues for Future Research”
Discussants: **ANGELO CAVALLO, ERIC SCHAAP**

46 ONLINE PLATFORMS: PLATFORMS COMPETITION

Sunday, June 11, 09:00–10:30, Room: D007, Chair: Robert Boer 46

MANAV RAJ, J.P. EGGERS: “When Delivery Comes to Town: Digital Distribution Platforms Penetration and Establishment Exit”
LUIS AGUIAR, JOEL WALDFOGEL, AXEL ZEIJEN: “Countervailing Platforms Power: Spotify and the Major Record Labels, 2017–2020”
ALEXEY RUSAKOV, TOBIAS KRETSCHMER: “First-Party Complements in Platforms Markets: The Role of Competition”
Discussants: **JASMINA CHAUVIN, CHRISTOPHER POLIQUIN**

47 THE DIGITAL ECONOMY: AI, MANAGEMENT AND HR

Sunday, June 11, 09:00–10:30, Room: D-111, Chair: Ann Hipp 49

MAXIMILIAN KOEHLER, HENRY SAUERMAN: “Crowds and Machines: AI as a Manager in Large-scale Science and Innovation Projects”
ARETI GKYPALI, IOANNIS GIOTOPOULOS, AGGELOS TSAKANIKAS: “On the Coevolution of Firm Innovation, Digital Capabilities and HR Skills and Practices: The Moderating Role of the Participation in Global Value Chains”
FABIAN GAESSLER, HENNING PIEZUNKA: “Training with AI - Competing against Humans”
Discussants: **THOMAZ TEODOROVICZ, SUKWOONG CHOI**

48 THE DIGITAL ECONOMY: ADOPTION AND DIFFUSION

Sunday, June 11, 09:00–10:30, Room: D-112, Chair: Lorenzo Palladini 55

SIGRID JESSEN, JACOB RUBÆK HOLM: “Spatial Variations in AI Diffusion: Employee-level Evidence from Denmark on the Role of Internal DUI”
DANIEL BROWN, MARIA ROCHE: “Learning to Use: Stack Overflow and Technology Adoption”
ZENG LI: “Applying Paradox Theory in Exploring Tensions during AI Implementation in Healthcare Organisations”
Discussants: **ANDREA MORRISON, OLIMPIJA ZAEVSKA**

49 GEOGRAPHIES OF INNOVATION: URBAN, NATIONAL AND GLOBAL CULTURE

Sunday, June 11, 09:00–10:30, Room: E111, Chair: Erika Dietrichson 73

TORBEN PEDERSEN, ANTHONY GOERZEN: “Global Cities and their Cultural Values”
DAVID YOON, MUSTAPHA BELKHOUIJA, LUIS DAU: “GDPR and Artificial Intelligence Innovation: The Moderating Role of National Culture”
CLAUDIO FASSIO, IOANA IGNA: “Foreign Graduates in Sweden. The Role of High Tech Sectors, Stem Disciplines and Cultural Distance”
Discussants: **HERICK MORALLES, VIJAY VENKATARAMAN**

50 GEOGRAPHIES OF INNOVATION: REGIONAL INNOVATION SYSTEMS

Sunday, June 11, 09:00–10:30, Room: E002, Chair: Francesca Hueller 78

GIACOMO LO CONTE, SILVIA ROCCHETTA, ANDREA MINA: “Turning Technological Relatedness into Industrial Strategy: The Productivity Effects of Smart Specialisation in Europe”
MATTHIAS BRACHERT, NILS HANDLER: “Relatedness and Complexity: German Evidence on Products, Skills and Technologies”
STEPHEN ROPER, ENRICO VANINO: “Exploring Spatial and Sectoral Complementarities in Public Support for Innovation: Two UK Experiments”
Discussants: **SILVIA ROCCHETTA, KASHINA PERLINGER**

51 SCIENTIFIC PRACTICE: UNIVERSITIES AND EDUCATION

Sunday, June 11, 09:00-10:30, Room: D-110, Chair: Daehyun Kim 79

YOTAM SOFER, OLOF EJERMO: "Drifting on the Academic Highway: Experimental Evidence from a Transition to University"
SILVIA POLI, ELISA VILLANI, MARIA CECILIA FLORES, ROSA GRIMALDI: "Facilitating the Emergence of Intrapreneurial Capacity: The Case of an Italian University"
PATRICK LEHNERT, MADISON DELL, USCHI BACKES-GELLNER, ERIC BETTINGER: "The Effect of Postsecondary Institutions on Local Economies: A Bird's-Eye View"
Discussants: MICHAEL WARD, ANASTASIIA PUSTOVALOVA

52 POLICY: RESEARCH GRANTS

Sunday, June 11, 09:00-10:30, Room: Doo8, Chair: Leo Leitzinger 82

RAFFAELE MANCUSO, ANDERS BROSTROM: "Do Mission-Oriented Grant Schemes Shape the Direction of Science?"
KYLE MYERS, WEI YANG THAM: "Research Risk and Grant Design"
ALBERTO CORSINI, MICHELE PEZZONI: "Does Grant Funding Foster Research Impact? Evidence from France"
Discussants: MARTINA IORI, SEN CHAI

53 ECO-INNOVATION: GRAND CHALLENGES

Sunday, June 11, 09:00-10:30, Room: E105, Chair: Nikhil Kalathil 90

NUNO BENTO, MARGARIDA FONTES, JOSÉ COSTA: "How Innovations Lead to Structural Change: Elements for a Theory of System Transformation"
MARION DUMAS, EUGENIE DUGOUA: "The Greening of the Automotive Industry: Cross-Sectoral Spillovers, Production Network, and Policy Drivers"
VIKTOR SALENIUS: "Innovating for a Sustainable Future in an Ambiguous Present: Theorising Comparative Innovation for the Sustainability Transition"
Discussants: FABRIZIO FUSILLO, JASMIN SEITZ

54 CHOICE AND DECISION MAKING: CREDIBILITY AND SIGNALING

Sunday, June 11, 09:00-10:30, Room: D-113, Chair: Stanislav Vlasov 101

DANIELA SCHOCH, POOYAN KHASHABI, DESIREE-JESSICA PELY: "Merger Rhetoric and the Credibility of Managerial Synergy Forecasts"
MIKAËL HEROUX-VAILLANCOURT, CATHERINE BEAUDRY, DAVIDE PULIZZOTTO, MARGARET DALZIEL: "How Does Innovation-Related Language Found on Corporate Website Correspond to Reality?"
JAGRITI BHATTACHARYYA, BALA SUBRAHMANYA MUNGILA HILLEMANE: "Determinants of a Digital Start-Up's Access to VC Financing in India: A Signalling Theory Perspective"
Discussants: ALI MOHAMMADI, ELISA RODEPETER

55 LABOR AND TALENT: ENGAGEMENT, ATTRACTION AND TRAINING

Sunday, June 11, 09:00-10:30, Room: E005, Chair: Antonio Ughi 104

DIEGO ZUNINO, DANIEL FORBES, MEHDI IBN BRAHIM: "Influence of Expected Role Ambiguity on Attraction of Technical Human Capital"
LUCA CATTANI, CHIARA FRANCO, FABIO LANDINI, SANDRO MONTRESOR: "Innovation and Data Analytics within Firms: The Role of High-Involvement Organisational Practices"
TIM SEIDINGER, KORNELIUS KRAFT: "Training in Innovative and Non-innovative Firms during the Financial Crisis"
Discussants: CLAUDIO PANICO, SANDRA ATEF LAWENDY ATIA

56 LABOR AND TALENT: JOB SATISFACTION AND HEALTH

Sunday, June 11, 09:00-10:30, Room: Doo4, Chair: Enlan Wang 105

GEORGE WARD: "Workplace Happiness and Employee Recruitment: Evidence from a Field Experiment"
HUMBERTO BREA SOLIS, MARIANNA MARINO, FRANCESCA MELILLO: "Going from Entrepreneur back to Employee: Employer Type, Task Variety, and Job Satisfaction"
CHRISTOPH GRIMPE, ROBIN CLERCKX, BART LETEN, MARK VANCAUTEREN: "Offshoring and Mental Health: Towards an Employee Perspective"
Discussants: FEDERICO TAMAGNI, ALINA SPANUTH

PARALLEL PAPER SESSIONS 4

SUNDAY, JUNE 11, 15:00-16:30

57 SCIENTIFIC PRACTICE: DIVERSITY AND GENDER

Sunday, June 11, 15:00-16:30, Room: D010, Chair: Ekaterina Mavrina 5

DUYGU BUYUKYAZICI: "The Gender Dimension of Industrial Diversification: What is the Role of Skills Gap?"
HERICK MORALLES, FARIZA IALLOUCHEN, PALOMA MATAMOROS: "Gender Diversity in R&D Teams and Environmental Innovation Types: The Role of Home-Ecological Institutions in Foreign MNC's Subsidiaries"
ALESSANDRA MIGLIORE, MASSIMO COLOMBO, CRISTINA ROSSI-LAMASTRA, RAFFAELE MANCUSO: "The Quest for a Room: Working from Home, the Home Space and the Gender Gap in Academic Productivity"
Discussants: GABRIELE PELLEGRINO, BERNARDO CALDAROLA

58 SCIENTIFIC PRACTICE: INTERNATIONAL MOBILITY AND COLLABORATION

Sunday, June 11, 15:00-16:30, Room: D-110, Chair: Anne-Gaëlle Maltese 7

YING ZHANG, CORNELIA LAWSON, LIANGPING DING: "Can Scientists Remain Internationally Visible after the Return to their Home Country? A Study of Chinese Scientists"
RODRIGO ITO, DIEGO CHAVARRO, TOMMASO CIARLI, FABIANA VISENTIN, ROBIN COWAN: "Connecting the Dots: The Role of Internationally Mobile Scientists in Linking Home with Foreign Scientists"
KARINE REVET, ISABEL-MARIA BODAS-FREITAS, BARTHÉLEMY CHOLLET, PABLO D'ESTE: "Exploring Resource Seeking in a Scientific Collaboration Network and its Effect on Scientists' Knowledge Creation"
Discussants: HENRY SAUERMANN, EMIL BAKKENSEN JOHANSEN

59 SCIENTIFIC PRACTICE: THE ATTRIBUTES OF INVENTORS

Sunday, June 11, 15:00-16:30, Room: D-111, Chair: Nicolas Gibney 9

FEDERICO CAVIGGIOLI: "Profiling Independent Inventors in Italy: Gender and Age"
STEFAN WAGNER, KARIN HOISL, JOSEPH MONROE: "Knowing Me, Knowing You - How Personality Traits Shape Invention Output"
SAID MATR, ARAKSYA AYVAZIAN, SIMON FOKKEMA: "Too-much Talent Effect: Superstar Inventors and the Innovation Performance of other Inventors"
Discussants: MARY KALTENBERG, JACOB RUBÆK HOLM

60 ENTREPRENEURSHIP: POLICY AND TRAINING

Sunday, June 11, 15:00-16:30, Room: E107, Chair: Abhishek Bhatia 11

SIMONE SANTAMARIA, NILOOFAR ABOLFATHI, ISHTIAQ MAHMOOD: "Demand Pull versus Resource Push Training Approaches to Entrepreneurship: A Field Experiment"
OUAFAA HMADDI, PETER YOUNKIN: "Accelerators or Brakes? A Field Experiment on Encouraging Entrepreneurship in Morocco"
CHRISTOPH GRIMPE, DAVID HOWOLDT: "Innovative Entrepreneurship as a Policy Concern: Geography, Evolution and Antecedents of Policy Mixes"
Discussants: CASPER RASMUSSEN, SONAL NAYAK

61 ENTREPRENEURSHIP: ENTREPRENEURS' ATTRIBUTES AND ABILITIES

Sunday, June 11, 15:00-16:30, Room: E109, Chair: Yuho Sasamori 15

CHRIS DAWSON, VIRGILIO FAILLA: "Impatience and Entrepreneurship"
SUBHAN SHAHID, SYEDA NIMRA BATOOL, YASIR MANSOOR KUNDI: "Nexus of Dispositional Optimism, Subjective Wellbeing and Entrepreneurial Exit Intentions: Conditional Role of Nature of Business Activity"
EMMA LAPPI, JOSÉ MATA: "Nice Albeit not Necessarily very Smart: Productivity and the Cognitive and Non-cognitive Ability of the Entrepreneur"
Discussants: MARCUS LINDGREN ALVES, AARON POHLMANN

62 MARKETS FOR TECHNOLOGY: PATENT LITIGATION AND OPPOSITION

Sunday, June 11, 15:00-16:30, Room: D004, Chair: Vitus Püttmann 31

MINYUAN ZHAO, CHARLIE AN, SHIXIANG WANG: "Home Favors and Distant Troubles: The Impact of Home Bias on Global Patent Litigation"
ARIANNA MARTINELLI, JULIA MAZZEI, RUDI BEKKERS: "From Open Warfare to Strawman's Anonymity: Motives and Strategies Behind Patent Opposition at EPO"

NOMINATED FOR THE 2023 STEVEN KLEPPER AWARD FOR BEST YOUNG SCHOLAR PAPER:

CHARLIE AN: "Patent Litigation and Technological Knowledge of Courts"

Discussants: SAM ARTS, NICOLA MELLUSO

63 INNOVATION STRATEGY: MANAGEMENT OF INNOVATION

Sunday, June 11, 15:00-16:30, Room: E004, Chair: Divya Saxena 36

GEORGE KOTSOURADIS, ARETI GKYPALI, KOSTAS TSEKOURAS: "Innovation Efficiency and Complexity of Innovation Strategy: A Trade-off Relationship"

SELINA LEHMANN, MICHELA BERETTA, BERND EBERSBERGER, HUNG DAO: "Proper Feedback for Better Ideas: How Expert Feedback Impacts Future Idea Quality in Web-based Idea Management Systems"

ROBERT BOER: "Strategic Flexibility, Capabilities and Routines in Context of the Process of Performing Strategic Changes"

Discussants: EUGENIE DUGOUA, XUECONG DU

64 INNOVATION STRATEGY: NETWORK STRATEGY AND STRONG TIES

Sunday, June 11, 15:00-16:30, Room: E005, Chair: Jino Lu 39

ERIC SCHAAP: "Why More isn't always better: How the Benefits of Direct Relationships and Knowledge Heterogeneity are Mitigated in Densely Connected Interfirm Communities"

JIA ZHANG, JIAN WANG, JOS WINNINK, SIMCHA JONG: "Collaboration Networks and Disruptive Innovation: Two Faces of Tie Strength and Structural Holes"

DIMA YANKOVA: "Sensitive (to) Content: Exploring the Relationship between Repeated Engagement and Thematic Specialisation in Inter-organizational Networks "

Discussants: ÁNGELS DASÍ, FABIO BUSICCHIA

65 ONLINE PLATFORMS: PLATFORMS CONNECTEDNESS AND INTEGRATION

Sunday, June 11, 15:00-16:30, Room: D007, Chair: Yingmin Wei 45

FRANCESCA HUELLER, ELENA NOVELLI, PAOLO AVERSA: "Benefiting from a Shock: Innovation in Connectedness and Architectural Advantage in Platforms-based Ecosystems"

MAURITS VAN SCHAIK, MATTHIJS PUNT: "Are Digital Platforms Market-Agnostic? An Analysis of Legitimacy Spillovers between Sharing and Gig Platforms in the Netherlands"

CHENGDI FA, TAGHI R. ZADEH, HAKAN OZALP, HENK VOLBERDA: "How Platforms Integration Affects Knowledge Sharing among Incumbent Complementors"

Discussants: BILGEHAN UZUNCA, DEYU LI

66 INDUSTRIAL DYNAMICS: COMPETITION AND INNOVATION

Sunday, June 11, 15:00-16:30, Room: E003, Chair: Maria Gradillas 65

SERDAL OZUSAGLAM, STEPHEN ROPER: "Compensation and Exploitation Behaviours in the Innovation Strategies of Rural Firms: Econometric Evidence for the UK"

ANNA NOVARESIO, PIER PAOLO PATRUCCO: "Innovation and International Economic Performances in the Automotive Industry: An "Out-of-Equilibrium" And "Circular" Relation?"

DANDAN XIA, DAVID WEHRHEIM, BRUNO CASSIMAN: "Escaping Import Competition through Innovation"

Discussants: PAUL NIGHTINGALE, LORI DIVITO

67 NEW METHOD APPROACHES: ESTIMATION, PREDICTION AND CAUSALITY

Sunday, June 11, 15:00-16:30, Room: D005, Chair: Karen Van Tu 69

YİĞİT AYDOĞAN, GIULIO BOTTAZZI, FEDERICO TAMAGNI: "Power Law vs. Gaussian Firm Size Distribution: A New Goodness of Fit Procedure Exploiting Maximum Likelihood Tail Estimation, with an Application to US-compustat Firms"

PAUL HAMILTON, DANIEL YUE, IAVOR BOJINOV: "Nailing Prediction: Experimental Evidence on the Value of Tools in Predictive Model Development"

PAUL HÜNERMUND, YANNICK BAMMENS, JERMAIN KAMINSKI: "Causal Discovery in Strategic Management Research"

Discussants: ANNALISA CALOFFI, MAURICIO PEREZ-ALANIZ

68 GEOGRAPHIES OF INNOVATION: MULTINATIONAL ENTERPRISES

Sunday, June 11, 15:00-16:30, Room: E111, Chair: Wanji Ju 72

REKHA RAO-NICHOLSON, NATALIA YAKOVLEVA, DIEGO VAZQUEZ-BRUST: "Extrapolating the Links between the MNE's Activities and UN SDGs in Developing Countries"

JASMINA CHAUVIN, JUAN ALCÁCER: "The Internal Agglomeration Of Multi-Business Firms"

DANY BAHAR, NATALIE CARLSON, EXEQUIEL HERNANDEZ: "Shades of Adaptation: Immigrant Employees and the Global Product Lifecycle in Multinational Firms"

Discussants: MARIANNA MARRA, MARIIA SHKOLNYKOVA

69 GEOGRAPHIES OF INNOVATION: AGGLOMERATION AND CLUSTERS

Sunday, June 11, 15:00-16:30, Room: E002, Chair: Maria Cecilia Flores 77

SANDEEP DEVANATHA PILLAI, VALERIA GIACOMIN: "How Did Milan Emerge as the Hub of the Italian Fashion Industry?"

JESPER CHRISTENSEN, POUL ANDERSEN: "Cluster Effects and Knowledge for Innovation without Physical Proximity – Evidence from the Craft Beer Industry"

RENE BELDERBOS: "Does Industry Agglomeration Attract Productive Firms? The Role of Product Markets in Adverse Selection"

Discussants: LUISA GAGLIARDI, GIACOMO LO CONTE

70 POLICY: PUBLIC REGULATION AND PROCUREMENT

Sunday, June 11, 15:00-16:30, Room: D009, Chair: Amal Boughnim 85

ARZI ADBI, ANANT MISHRA, CHIRANTAN CHATTERJEE: "How do Domestic and Foreign Firms Respond to a Controversial Reduction in Competition from the Public Sector?"

CHRISTIAN STERNITZKE: "Privacy vs. Health? The EU General Data Protection Regulation and its Impact on Clinical Research"

NIKHIL KALATHIL, M. GRANGER MORGAN, ERICA FUCHS: "Short-Term Economic Dynamism as a Policy Tool to Address Supply Shortages during Crises"

Discussants: WALTER BATAGLIA, JOSHUA BEDI

71 ECO-INNOVATION: POLICY AND REGULATION

Sunday, June 11, 15:00-16:30, Room: E105, Chair: Mirella Schrijvers 89

YALI YI, PELIN DEMIREL: "How Multi-Level Policies Affect Eco-Innovations: An Analysis of China's River Chief Policy"

RUSHI CHEN, EFFIE KESIDOU, PETER HOWLEY: "Can Emission Trading Schemes Induce Green Innovation? Firm-level Evidence from a Quasi-Natural Experiment in China"

JENNY LARSEN, SIRI JAKOBSEN, MARIANNE STEINMO: "Regulations for Sustainability – How Salmon Farming SMEs Innovate for Sustainable Growth"

Discussants: MATTHIAS STAESSENS, MAXIMILIAN ELSÉN

72 CHOICE AND DECISION MAKING: ALGORITMS AND AUTOMATION

Sunday, June 11, 15:00-16:30, Room: D-112, Chair: Fenja Scheu 99

CLAUDIO PANICO, SAMUELE MURTINU, CARMELO CENNAMO: "How do Humans and Algorithms Interact? Augmentation, Automation, and Co-specialization for Greater Precision in Decision-Making"

HYUNJIN KIM: "Decision Authority and the Returns to Algorithms"

SEBASTIAN NIEDERBERGER, ANJA SCHULZE, PETRA SCHMID: "The Scientific Approach to Decision-making at the Collective Level: An Empirical Study"

Discussants: CHUNGUN YOON, SUSANNE BECK

73 ORGANIZATIONAL BEHAVIOR: INCENTIVES AND IDEAS

Sunday, June 11, 15:00-16:30, Room: D008, Chair: Wei Yang Tham 107

MARCO KLEINE: "No Eureka! Incentives Hurt Creative Breakthrough Irrespective of the Incentives' Frame"

JOHANNA SCHNIER, CHRISTINA RAASCH, TIM SCHWEISFURTH: "Spillover Innovation: When Idea Evaluation Triggers Idea Generation"

Discussants: SANDRO MONTRESOR, GEORGE KOTSOURADIS

PARALLEL PAPER SESSIONS 5

MONDAY, JUNE 12, 09:00-10:30

74 SCIENTIFIC PRACTICE: UNIVERSITIES’ INTERDISCIPLINARY RESEARCH AND COLLABORATION

Monday, June 12, 09:00-10:30, Room: D010, Chair: Anna Novaresio 2

HOLGER GRAF, NILS GRASHOF, CHRISTINA GUENTHER, MATTHIAS MENTER: ”More Hype than Substance? How University Public Relations Affect University Third-Party Funding”

MARIANNA MARRA, ABHIJIT SENGUPTA: ”Importance of Interdisciplinary Research for Knowledge Exchange: An Organizational Perspective”

VALENTINA MELICIANI: ”Unlocking the Benefits of Framework Programs in the Area of Information and Communication Technologies: Testing the Relationship between Participation, Intangibles Investment, and Business Performance”

Discussants: CORNELIA LAWSON, MALTE TOETZKE

75 ENTREPRENEURSHIP: THE IMPACT ON SOCIAL CHANGE

Monday, June 12, 09:00-10:30, Room: E109, Chair: Ecem Bilge Delicik 10

AARON POHLMANN: ”Female Entrepreneurship: A Catalyzer for Social Change?”

LUISA GAGLIARDI, OLAV SORENSON: ”Entrepreneurship and Gentrification”

SONAL NAYAK, VIJAY VENKATARAMAN: ”Sustainability Liability? The Role of Social Movements in Start-up Funding “

Discussants: ARZI ADBI, LAUREN LANAHAN

76 ENTREPRENEURSHIP: FOUNDING TEAMS

Monday, June 12, 09:00-10:30, Room: E111, Chair: Coen Van Der Geest 18

ANDREA CONTIGIANI: ”Team Diversity and Performance in Early-Stage Ventures: Experimental Evidence from an Entrepreneurship Course”

STIJN KELCHTERMANS, FRANCESCA MELILLO: ”I Know what You did last Summer: Shared Affiliation Effects on the Choice of a Co-founder”

JOHN DE FIGUEIREDO, FULTON EAGLIN, BRIAN SILVERMAN: ”Founding in the Bubble: Entrepreneurial Founding Teams, Funding, and Ideology”

Discussants: PAIGE CLAYTON, DIEGO JANNACE

77 ECOSYSTEMS: EMERGENCE AND ALIGNMENT

Monday, June 12, 09:00-10:30, Room: E107, Chair: Matteo Tranchero 22

NICOLAS GIBNEY: ”The Role of Resource Dependency in Ecosystem Emergence and Growth: Evidence from a Norwegian Financial Ecosystem”

FABIO BUSICCHIA, CRISTINA ROSSI-LAMASTRA: ”Before a Product-market had Emerged: Framing Firms’ Technological Investment Strategy in Nascent Industries and Research Agenda”

JOHN CHEN, RAM RANGANATHAN: ”Alignment Structures and Ecosystem Performance: A Complexity-Based Approach”

Discussants: TUNDE CSERPES, GENGHAO ZHANG

78 INNOVATION STRATEGY: KNOWLEDGE RECOMBINATION

Monday, June 12, 09:00-10:30, Room: E004, Chair: Alexandra Carst 35

JORIS KNOBEN, VICTOR GILSING: ”Scientific Knowledge and the Creation of Breakthrough Inventions: An Exploratory Study with Biotechnology Patents”

BERNHARD DACHS, METTE KNUDSEN, JAN KRANER, OLIVER SOM: ”Prior Knowledge as an Enabler of Additive Manufacturing Technologies”

Discussants: JOJO JACOB, FEDERICO NUTARELLI

79 INNOVATION STRATEGY: EFFECTS OF NETWORK POSITION

Monday, June 12, 09:00-10:30, Room: E005, Chair: Carolina Biliotti 38

ANKUR CHAVDA, JOHN EKLUND: ”The Ties that Bind: The Emergence of New Supplier Relationship Models as Instigators of Industry Change”

ALEXANDER SMIT, MARIUS MEEUS, JÖRG RAAB: ”Variation, Selection and Retention of Knowledge and Network Innovative Performance: The Effect of Node Turnover, Network Integration and Field Stability”

RENUKA DEVI S KARTHIKEYAN: ”Firm’s Innovation Choices Post-alliance Termination: The Role of Firm’s Scientific Knowledge and Network Position”

Discussants: MATHIAS BOËNNE, JULIAN JUST

80 INNOVATION STRATEGY: R&D ALLICANCES

Monday, June 12, 09:00-10:30, Room: D004, Chair: Tatevik Harutyunyan 40

WALTER BATAGLIA, BO NIELSEN, ANA BRAGA: ”How Relational Capability Influences the Performance of Alliances through Reducing Transaction Costs”

VIDYA ORUGANTI, ISABEL-MARIA BODAS-FREITAS: ”Value Capture and Spillovers in Research-Based Collaborations”

MARIA GRADILLAS, LLEWELLYN THOMAS, AIJA LEIPONEN: ”Technology Venture Collaboration Strategies during Ecosystem Emergence”

Discussants: MARCO CECCAGNOLI, PAOLO CARIOLI

81 ONLINE PLATFORMS: SOCIAL OUTCOMES

Monday, June 12, 09:00-10:30, Room: D-114, Chair: Jason Sigler 43

MARIT HOLLER: ”Welfare Effects Of Platforms’ Exclusivity Clauses”

JULIA TOROI, CARMELO CENNAMO, ALI MOHAMMADI: ”How Platforms Governance Affects Entrepreneurs’ Capacity to Attract Funding”

NEIL THOMPSON, XUEYUN LUO, BRIAN MCKENZIE, EDANA RICHARDSON, BRIAN FLANAGAN: ”User-generated Content Shapes Judicial Reasoning: Evidence from a Randomized Control Trial on Wikipedia”

Discussants: DANIELA SCHOCH, RUSHI CHEN

82 ONLINE PLATFORMS: THE SHARING ECONOMY

Monday, June 12, 09:00-10:30, Room: D007, Chair: Rujuta Vaidya 44

DAEHYUN KIM, NAMIL KIM, YONGWOOK PAIK: ”How Online Platforms Address Institutional Failures in Entrepreneurship: The Case of Craigslist”

MICHAËL DISTELMANS: ”Tactics of Institutional Work in the Home-Sharing Ecosystem: An Analysis of Airbnb’s Entrepreneurial Quest for Legitimacy and Incumbents’ Need for Response”

JOHANNES ROSS, VERA ROCHA, TOM GRAD, JÖRG CLAUSSEN: ”The Hidden Costs of the Sharing Economy: Tax Dishonesty by Airbnb Hosts”

Discussants: MARION POETZ, SAM TAVASSOLI

83 THE DIGITAL ECONOMY: AI AND PERFORMANCE

Monday, June 12, 09:00-10:30, Room: D-110, Chair: Jesús García Romanos 48

YAN BAI, DIMO RINGOV, ESTEVE ALMIRALL: ”Artificial Intelligence Advancing Firm Innovation: Evidence from the Medical Device Industry”

SUKWOONG CHOI, HYO KANG, NAMIL KIM, JUNSIK KIM: ”Standing on the Shoulders of AI: Pushing the Knowledge Frontier by Learning from AI”

TAEKYUN KIM, JESU LEE, WANWU JU: ”The Effects of Artificial Intelligence on Firm Performance: The Moderating Role of Business Strategy”

Discussants: RAFFAELE MANCUSO, WOLFGANG KREMSE

84 THE DIGITAL ECONOMY: SKILLS AND LABOR MARKETS

Monday, June 12, 09:00-10:30, Room: D-111, Chair: Jay Prakash Nagar 53

DONGMIAO ZHANG, RON BOSCHMA, PIERRE BALLAND: ”The Creative Destruction of Artificial Intelligence on Occupations: Evidence from U.S. Metropolitan Areas”

FLORENCIA JACCOUD, FABIEN PETIT, TOMMASO CIARLI: ”Heterogeneous Adjustments of Labor Markets to Automation Technologies”

ANASTASIIA PUSTOVALOVA: ”Wage Returns to Skills in the Context of Automation: What Complements Technology Adoption?”

Discussants: OUAFKAA HMADDI, ALEXEY RUSAKOV

85 THE DIGITAL ECONOMY: BUSINESS MODEL INNOVATION

Monday, June 12, 09:00-10:30, Room: D-112, Chair: Nils Handler 58

ANDERS RÅVE, BIRGIT ANDRINE SOLEM: "Digital Transformation: What and how in Specialized Retail"
JOAN MERÍN, ÀNGELS DASÍ, JOAQUIN ALEGRE: "Digital Transformation and Firm Performance in SMEs: The Mediating Role of Business Model Innovation"
ILARIA MANCUSO, ANTONIO MESSENI PETRUZZELLI, UMBERTO PANNIELLO: "Applying Micro Lenses to Macro Phenomena: The Microfoundations of Business Model Innovation in the Metaverse"
Discussants: JANET BERCOVITZ, PIETRO CRUCIATA

86 INDUSTRIAL DYNAMICS: MARKET AND TECHNOLOGY STRATEGY

Monday, June 12, 09:00-10:30, Room: E003, Chair: Daniel Yue 62

ANTHI KIOUKA, CHRISTIAN PEUKERT: "Specializing in Generality? Technology and Market Strategy"
MARTIN KALTHAUS, FELIX KINTRUP: "Replicator Dynamics in the Danish Wind Turbine Industry"
EMIL BAKKENSEN JOHANSEN, OLIVER BAUMANN: "Coopetition in Crisis: The Rise of Silent Citations and the Structure of the Danish Digital News Ecosystem"
Discussants: RICHARD REINSBERG, HYUNJIN KIM

87 NEW METHOD APPROACHES: PATENTS

Monday, June 12, 09:00-10:30, Room: D005, Chair: Cindy Rentrop 66

LARS HÅKANSON: "Patents as Indicators of R&D Internationalization: A Note on Method"
VAN-THIEN NGUYEN, RENE CARRAZ: "A Novel Matching Algorithm for Academic Patent Paper Pairs: An Exploratory Study of Japan's National Research Universities and Laboratories"
GUILLERMO RUIZ-PAVA, GIORGIO TRIULZI, CHRISTOPHER MAGEE: "From Knowledge Flow to Technical Information: Patent Citations as Signals of Technical Interactions"
Discussants: BRICE DATTEE, MIRVA PELTONIEMI

88 GEOGRAPHIES OF INNOVATION: LABOR MOBILITY AND MIGRATION

Monday, June 12, 09:00-10:30, Room: E002, Chair: Katja Bringmann 76

ANDREA MORRISON, BENJAMIN CORNEJO COSTAS: "The Unintended Consequences of the 1921-1924 Immigration Act on Innovation in US Counties"
THOMAZ TEODOROVICZ: "Location-Specificity And the Geographic Competition for Remote Workers"
MATTHIAS BRACHERT, SABRINA JEWORREK: "Where to Go? High-skilled Individuals' Regional Preferences"
Discussants: EDUARDO MELERO, VALENTINA TARTARI

89 POLICY: INNOVATION HUBS AND DEMAND

Monday, June 12, 09:00-10:30, Room: D009, Chair: Maria Enrica Zamponi 81

INGRID EELDE KOIVISTO: "Traveling Ideas in the Pursuit of Social Innovation - Impact Innovation Hubs in Non-profit and For-profit Organizations"
ENRICO VANINO, STEPHEN ROPER: "Catapulting Firms into the Innovation System: Analysing the Local Knowledge Spillovers from Innovation Hubs and Supported Businesses"
JINO LU: "Demand for Innovation, Inventor Mobility and Unintended Consequences: Evidence from Electric Vehicle Technologies"
Discussants: GORDON WALKER, ENNO KOHLISCH

90 ECO-INNOVATION: PUBLIC INCENTIVES AND VC

Monday, June 12, 09:00-10:30, Room: E105, Chair: Emanuele Russo 88

KINGA TCHORZEWSKA: "A Lost Opportunity? Environmental Investment Tax Incentive and Green Technologies"
KENNETH HUANG, MICHELLE XIAOMIN FAN, JIAXING YOU: "Attaining Sustainability? The (Unintended) Consequences of Venture Capital Investments on Firms' Environmental Performance"
FRANCESCO RENTOCCHINI, ANTONIO VEZZANI, SANDRO MONTRESOR: "Walking the Green Line: Government Sponsored R&D and Clean Technologies in the US"
Discussants: CARLOS F.A. ARRANZ, DELIA MANGELKRAMER

91 VENTURE CAPITAL: THE IMPACT OF VC ON INNOVATION

Monday, June 12, 09:00-10:30, Room: D-113, Chair: Hugo Confraria 95

QIANG XIONG: "Corporate Venture Capital and Change of Technological Distance"
FABIA BECKERS, FRANK VAN RIJNSOEVER, GIOVANNA CAPPONI: "Mitigating Uncertainty in Emerging Sectors: A Comparative Analysis of the Effect of Syndication Network Dynamics on the Success of Fintech Startups and Sustainable Startups"
SUPRADEEP DUTTA, RAMAKRISHNA DEVARAKONDA: "Impact of VC on Startup Innovation Novelty: A Penrosian View"
Discussants: JUNGYUN HAN, MATTHIAS PLOEG

92 ORGANIZATIONAL BEHAVIOR: ORGANISATIONAL DESIGN AND MANAGEMENT PRACTICES

Monday, June 12, 09:00-10:30, Room: D008, Chair: Daniel Hain 111

DESPOINA FILIOU, ARETI GKYPALI: "Organization Design Features for Innovation & Commercialisation"
JAE HYUN CHO: "Winter is Coming: Management Style and Firm Success during the Energy Crisis"
SENDA FATTOUM, DAVID YOON, MUSTAPHA BELKHOUBA: "Exploring the Duality of Managers' Attention on New Product Innovation Process"
Discussants: ANNE TER WAL, GUIJUNG KIM

PARALLEL PAPER SESSIONS 6

MONDAY, JUNE 12, 15:00-16:30

93 SCIENTIFIC PRACTICE: THE ROLE OF ONLINE DATA ACCESS

Monday, June 12, 15:00-16:30, Room: D010, Chair: Keno Haverkamp 1

MATTEO TRANCHERO, ABHISHEK NAGARAJ: "How does Data Access Shape Science? Evidence from the Impact of U.S. Census's Research Data Centers on Economics Research"

MICHAEL WARD: "Does Journal Digitization Contribute to Elitism in Economic Research?"

KATRIN HUSSINGER, LORENZO PALLADINI: "Information Accessibility and Knowledge Creation: The Impact of Google's Withdrawal on Chinese Scientific Publications"

Discussants: NICOLA CORTINOVIS, MAXIMILIAN KOEHLER

94 ENTREPRENEURSHIP: HYBRID ENTREPRENEURS

Monday, June 12, 15:00-16:30, Room: E109, Chair: Dandan Xia 16

ALIASGHAR BAHOO-TORODI: "Opportunity versus Necessity as Driver of Employee Entrepreneurship"

FRANCESCO CASTELLANETA, VERA ROCHA, DI TONG, DANIEL TZABBAR: "Seeing what You Believe in? Confirmation Bias and the Wages of Hybrid Entrepreneurs"

ANUSHA SIRIGIRI, SUMERA NAAZ: " Taking the Plunge: Entrepreneurial Entry of Hybrid Entrepreneurs"

Discussants: ANDREA CONTIGIANI, EMMA LAPPI

95 ENTREPRENEURSHIP: SCIENTIFIC THINKING AND DECISION-MAKING

Monday, June 12, 15:00-16:30, Room: E111, Chair: Jae Hyun Cho 19

DIEGO JANNACE, ARNALDO CAMUFFO: "Curbing the Addition Bias: Scientific Approaches and Propensity to Subtract in Entrepreneurial Ideas Development"

HANNA HOTTENROTT, ELISA RODEPETER, CHRISTOPH GSCHNAIDTNER: "Big Data and Start-up Performance"

JUSTINE BOUDOU, MARIA ROCHE: "Bringing Science to Market: Proximity between Startups' Knowledge Base and Founders' Academic Work and its Implications for Performance Outcomes"

Discussants: WILLIAM HESTERLY, BRIAN SILVERMAN

96 ENTREPRENEURSHIP: EXPERIENCE AND MOTIVATION

Monday, June 12, 15:00-16:30, Room: E002, Chair: Anthi Kiouka 20

YOON-KYUNG KIM, HYUN JU JUNG: "The Impact of Serial Entrepreneur's Technological and Financial Experience on Venture Exploration"

TUNDE CSERPES, MICHAEL DAHL, OLAV SORENSON: "Startups and Divorce"

SUSAN PERKINS, EDWARD ZAJAC: "What do Families in Business want? Theory and Evidence from Brazilian Firms"

Discussants: RENE CARRAZ, JORIS KNOBEN

97 INNOVATION STRATEGY: RESPONSE TO CRISIS AND DISRUPTION

Monday, June 12, 15:00-16:30, Room: E004, Chair: Ricardo Coelho Da Silva 26

NICHOLAS ARGYRES, LYDA BIGELOW, JACKSON NICKERSON, HAKAN OZALP, ERDEM YILMAZ: "Strategic Responses to Innovation Shocks: Evidence from the Video Game Industry"

EMANUEL UBERT, GIUSEPPE CRIACO: "In the Eye of the Storm? Hurricane Wind Damage and Insurer Strategic Adjustment in Florida, 2000-2013"

RUJUTA VAIDYA, BRAM TIMMERMANS, LASSE LIEN: "Firm's Strategic Adaptation to Crises and its Influence on the Fire - Furlough Dilemma"

Discussants: ALDONA KAPACINSKAITE, AXEL ZEIJEN

98 MARKETS FOR TECHNOLOGY: PATENT EXAMINATION AND REVIEW

Monday, June 12, 15:00-16:30, Room: D004, Chair: Marie Bemler 30

JULIA MAZZEI, ARIANNA MARTINELLI: "Death Squad or Quality Improvement? The Impact of Introducing Post-grant Review on U.S. Patent Quality"

KATJA BRINGMANN, THERESA VEER, ALEXANDRA ZABY: "Scrutinizing Decision Making Biases: An Analysis of Discrimination in the Patent Examination Process"

EGBERT AMONCIO: "When Patent Policies Harm Performance: Multiple Work-Related Identities Conflict"

Discussants: MINYUAN ZHAO, MEI YUN LAI

99 MARKETS FOR TECHNOLOGY: NEW APPROACHES TO IP RESEARCH

Monday, June 12, 15:00-16:30, Room: D005, Chair: Charlie An 34

FEDERICO NUTARELLI, NICOLETTA CORROCHER, ANDREA MORRISON: "Assessing the Determinants of Science-Based Green Patents"

MARIIA SHKOLNYKOVA: "On the Way from Invention to Innovation: The Role of Applicant and Inventor Team Characteristics"

FENJA SCHEU, INGRID OTT: "Uncovering Technological Transformation and the Involvement of Firms with IPRs and Networks"

Discussants: GRID THOMA, MARLENE HERZ

100 INNOVATION STRATEGY: COLLABORATION AND INTERMEDIARIES

Monday, June 12, 15:00-16:30, Room: E005, Chair: Mikaël Heroux-Vaillancourt 37

SHU DENG, HAEMIN DENNIS PARK, ANMOL MADAN: "Market Intermediary and Entrepreneurial Opportunities in Creative Industries"

GHASSAN YACOUB: "The Paradox of Openness in Start-ups: The Contingencies of Collaboration and Partnership Types"

FLORENTA TEODORIDIS, AVI GOLDFARB, JINO LU: "Consequences of an R&D Division of Labor for Complementary Innovation: Evidence from Quantum Computing"

Discussants: STIJN KELCHTERMANS, ELISA ALVAREZ-GARRIDO

101 ONLINE PLATFORMS: COMMUNITIES AND USERS

Monday, June 12, 15:00-16:30, Room: D-114, Chair: Yotam Sofer 47

NOMINATED FOR THE 2023 STEVEN KLEPPER AWARD FOR BEST YOUNG SCHOLAR PAPER:

ANA MACANOVIC, DAMIANO MARIA MORANDO: "'I Heard It on the (Silk) Road': Structural and Cultural Pathways to Novelty Introduction in an Online Community"

PEDRO ACEVES, CASSANDRA CHAMBERS, MARLON ALVES: "Middle-Status Myopia: How Status Shapes Attention in 150 Online Communities"

PIETRO MORINO, CLAUDIO PANICO, CARMELO CENNAMO: "'In Medio Stat Virtus': Targeted Advertising in Social Media Platforms with Heterogeneous Participants"

Discussants: MICHELA BERETTA, MATTEO DEVIGILI

102 THE DIGITAL ECONOMY: AI AS ENABLING TECHNOLOGY

Monday, June 12, 15:00-16:30, Room: D-110, Chair: Chang Liu 51

NOMINATED FOR THE 2023 STEVEN KLEPPER AWARD FOR BEST YOUNG SCHOLAR PAPER

GABRIEL CAVALLI: "How Scientific Organizations Adapt to Novel Methodological Advances: The Impact of AlphaFold V1"

ELISABETH HÄUSLER, WOLFGANG KREMSE, FRANZ HUBER, VERONIKA HORNUNG-PRÄHAUSER: "The Impact of Data Source Development on Iterations within IoT New Product Development Projects"

DANIEL SOUZA, ALDO GEUNA, JEFF RODRÍGUEZ: "The Impact of the CIFAR Datasets on the Development of Deep Learning: The Making of a New Technoscience"

Discussants: KINGA TCHORZEWSKA, MILAD ABBASHIHAROFTEH

103 THE DIGITAL ECONOMY: CORPORATE INVOLVEMENT

Monday, June 12, 15:00-16:30, Room: D-111, Chair: David Baschung 54

MATTIA PEDOTA: "Big Data Sources and Digitalization Awareness: A Dynamic Capabilities Perspective"

DANIEL YUE: "I, Google: Estimating the Impact of Corporate Involvement on AI Research"

ROMAN JUROWETZKI, DANIEL HAIN, STEFANO BIANCHINI, KEVIN WIRTZ: "The Transformer Dilemma - The Rise of Private Sector AI Research and its Implications"

Discussants: RENATO GARCIA, JIA ZHANG

104 THE DIGITAL ECONOMY: TRANSFORMATIVE CAPACITY

Monday, June 12, 15:00–16:30, Room: D-112, Chair: Johanna Schnier 56

BERNARDO CALDAROLA: "Mobile Internet Adoption and Inclusive Structural Change: Evidence from Nigerian Non-farming Enterprises"

MEHDI MONTAKHABI, WIM VANHAVERBEKE: "How Digitalization can Transform an Institutionalized Industry Setting; Emergence and Scale-up of Business Ecosystems in Regulated Industries"

MARTA ARROYABE, CARLOS F.A. ARRANZ, JUAN CARLOS FDEZ. DE ARROYABE: "The Effect of Digitalization and Environmental Sustainability Integration on SMEs Innovation: A Strategic Orientation Approach"

Discussants: OIHANA BASILIO, ANASTASIA RI

105 INDUSTRIAL DYNAMICS: COMPETITION AND REGULATION

Monday, June 12, 15:00–16:30, Room: E003, Chair: Diogo Machado 61

GIANLUCA BIGGI: "Risk, Precaution, and Regulation in Chemical Search and Innovation: The Case of the EU REACH Legislation"

JEFF MACHER: "The Recall Benefit: Competition, Recalls and new Products in the Medical Device Industry"

DIVYA SAXENA: "Competition and Innovation in the US Shale Oil and Gas Industry"

Discussants: YEN-CHEN HO, FRANZISKA TINNEFELD

106 LEARNING FROM COVID-19

Monday, June 12, 15:00–16:30, Room: D-113, Chair: George Ward 70

GABRIEL DOS PASSOS, NELSON CUBILLOS: "When Science Strikes Back - Has a Scientific Background Helped Leaders Against Covid-19?"
Innessa Colaiacono: "No Mask, no Service: Customer Reaction to Walmart's 2020 National Mask Mandate"

MARKUS TRUNSCHKE, BETTINA PETERS, DIRK CZARNITZKI, CHRISTIAN RAMMER: "Pandemic Effects: Is the German Innovation System Suffering from Long-Covid?"

Discussants: MARIANNE STEINMO, ZENG LI

107 POLICY: PUBLIC FUNDING

Monday, June 12, 15:00–16:30, Room: D009, Chair: Daniel Brown 84

PIETRO SANTOLERI, MARTINA IORI, ANDREA MINA: "R&D Grants and the Novelty of Innovation"

JAY PRAKASH NAGAR, STEFANO BRESCHI, ANDREA FOSFURI: "Is European Research Council Science Conducive to Inventive Activity?"

PAIGE CLAYTON, EVAN JOHNSON: "The Role of Speedier Public Funding for Small High-Tech Ventures"

Discussants: MARKUS SIMETH, NIKAS SCHEIDT

108 ECO-INNOVATION: NATIONAL RESPONSES

Monday, June 12, 15:00–16:30, Room: E105, Chair: Matthias Brachert 92

HUGO CONFRARIA, TOMMASO CIARLI, ED NOYONS: "Countries' Research Priorities in Relation to the Sustainable Development Goals"

MAXIMILIAN EISEN, FRANK TIETZE: "The Long Tail of Climate Change Adaptation Technologies: A Patent Analysis of Contributions from Low- and Middle-income Countries"

TIAGO LOURO ALVES, NUNO BENTO, RICARDO RIBEIRO: "Typology of Pathways for Sustainable Transformation"

Discussants: FERNANDO SANCHEZ, AMIR MAGHSSUDIPOUR

109 ECO-INNOVATION: LEGITIMITY

Monday, June 12, 15:00–16:30, Room: E107, Chair: Zeynep Yavic 93

THEKLA DEKKER, KATHARINA SCHEIDGEN: "Sustainability as Liability in Entrepreneurship?"

LORI DIVITO, JAKOMIJN VAN WIJK, ITEKE VAN HILLE, ZITA INGEN-HOUSZ: "Circular Entrepreneurial Ecosystems Intermediation: A Case Study of Circular Textiles"

NURIA MORATAL-FERRANDO, ANNE-LORENE VERNAY, CARINE SEBI: "Building Durable and Resilient Legitimacy for Sustainable Ecosystems"

Discussants: HANS BERENDS, JENNY LARSEN

110 ORGANIZATIONAL BEHAVIOR: R&D WORKERS AND TOP MANAGEMENT TEAMS

Monday, June 12, 15:00–16:30, Room: D007, Chair: Tom Grad 106

SAM TAVASSOLI, TORBEN SCHUBERT: "Long Passed but not Long Gone: The Effects of Parental Educational Diversity on Firm-level Innovation"

LOUISE LINDBJERG: "The Non-linear Relationship between Horizontal Pay Dispersion and Technological Knowledge Production"

AGNES GUENTHER, ANDREAS DISTEL, WOLFGANG SOFKA: "Salary Comparison within Marriages and its Effect on the Salary Negotiations of R&D Workers"

Discussants: MARIA GREVE, IOANA IGNA

111 ORGANIZATIONAL BEHAVIOR: CULTURE, COLLABORATION AND CO-DETERMINATION

Monday, June 12, 15:00–16:30, Room: D008, Chair: John Eklund 110

PATRICIA WOLF, PIERRE-YVES KOCHER, KRISTINA ANDERSEN, JESSICA STEPPE: "Caught in Culture? How Interaction between Organizational Culture and Learning Causes Patterns in Organizational Culture Change"

SAM ARTS, LEE FLEMING: "Death Shades Social Construction: Identifying Mechanisms of the Collaborative Creative Premium"

ALINA SAGIMULDINA: "Does Labor on the Board Affect Firm Innovation? Evidence from Codetermination in German Firms"

Discussants: DESPOINA FILIOU, INGRID EELDE KOIVISTO

POSTER PAPER SESSIONS

Sunday, June 11, 10:30-11:00 and 14:30-15:00, KPMJ Gallery

STEPHEN MICHAEL IMPINK: Supplier Resource Sharing and Digital Industry Development
SORIN KRAMMER, PETER DAHLIN: An ivory Tower of Babel? The Impact of Size and Diversity of Teams on Research Performance in Business Schools
MANUEL DAVID GOMEZ SOLORZANO: Autonomy in R&D Projects and Breadth of Knowledge of Informal Ties
ANGELO CAVALLO, DAVIDE HAHN, MOHAMMAD ASARIAN: How Agile Practices Drive Employee Entrepreneurial Orientation: The Roles of Digital Skills and Ambidexterity
STEFAN APOSTOL, EDUARDO HERNÁNDEZ-RODRÍGUEZ: Digitalisation in European Regions: Relatedness, Economic Complexity, and Productivity
JOSE-LUIS HERVAS-OLIVER, FRANCISCA SEMPERE SEMPERE RIPOLL, CARLES BORONAT-MOLL: Relatedness and Diversification in Industrial Districts: Is it about Embedded Regional or Firm-level Capabilities?
ANTONIO J. REVILLA, VIRGINIA HERNÁNDEZ, ALICIA RODRÍGUEZ: Environmental Sustainability and Digital Technologies: Insights from European SMEs
ERIKA DIETRICHSON: Big Science Organization's Innovation Impact on Suppliers – Evidence from the European Spallation Source
EUIJU JEON, PIERRE DUSSAUGE, COREY PHELPS: Performance Feedback and Corporate Venture Capital Decisions: Role of Boards and Shareholders
LINDA BANDELOW, KASHINA PERLINGER, CINDY RENTROP: Private Patrons – Big Impacts? How Private Investments Shape Education and Innovation Ecosystems
CARITA MIRJAMI EKLUND, CARTER WALTER BLOCH, KRISTOF VAN CRIEKGINGEN: Gender Diversity and Productivity
LIANG ZHAO. ARVIDS ZIEDONIS, ZHE SUN: Does Digital Policy Promotion Affect Firm Innovation Strategies? Evidence from China
ENNO KOHLISCH: True Knowledge Mapping - Is There a Better Way for Regional Patent Analysis?
LINDA BANDELOW: Where Do I Even Start? Location Choice of Entrepreneurs and the Role of Transport Accessibility
CRISTIAN GRANADOS, YARID AYALA: Innovation Theater Scale: Design and Validation
DANIEL HAIN. YUFEI LIU, YUAN ZHOU, XIAOMING MIAO, YUHAN LIU, FANG DONG: Emerging Technology Discovery Based on Graph Classification
FERNANDO SANCHEZ, ANDRÉS VELEZ-CALLE, EMINE BEYZA SATOGLU, JESSICA SALMON, SALMA ZAMAN: Networks that Make Cities More Innovative: A Study of Breakthrough Innovations and Developing Cities
CHENLU YIN, RAMAKRISHNA DEVARAKONDA, ZILIN HE: Can Firms Following Different Paths Work Together? A Study on Interfirm Technological Convergence and Alliance Formation
OIHANA BASILIO, FIONA MURRAY, LARS FROLUND: An Analysis of the Deep-Tech Entrepreneurship Ecosystem in Spain: Understanding the Human Capital Gap
LIANG ZHAO, ZHE SUN, NICK HAJLI: Exploratory and Exploitative Innovation of Chinese Firms: State Ownership's Influence and the Contingent Effect of Firm Size
SILVIA RITA SEDITA, ANNALISA CALOFFI, AMIR MAGHSSUDIPOUR, SILVIA BLASI: The Sustainability Dimensions of Organizational Fields: Evidence from US Interlocking Directorates
RICARDO COELHO DA SILVA, PEDRO OLIVEIRA, LEID ZEJNILOVIC, MIGUEL PINA E CUNHA, MARCO BERTI: How Emergent Response Groups Emerge: The Role of Bricolage in Crisis Responses
HANS BERENDS, COEN VAN DER GEEST, JOEY VAN ANGEREN, BART VAN DEN HOOFF: The Dual Face of Platform Interfaces: App Innovation between Recombination and Architectural Constraints

MARTA ARROYABE, KATRIN HUSSINGER: Acquisition Experience and the Winner’s Curse in Corporate Acquisitions
ANNE-GAËLLE MALTESE, PATRICK LLERENA, SARA GIL GALLEN: Disentangling the Role of Surface and Deep-Level Variables on Individuals’ and Groups’ Creative Performance: A Cross-Level Experimental Evidence
MATTHIAS DESCHRYVERE, ANGELA JÄGER, TORBEN SCHUBERT, FABIANA VISENTIN, ARASH HAJIKHANI, SAJAD ASHOURI, SCOTT CUNNINGHAM, ARHO SUOMINEN, LUKAS PUKELIS: The Role of Product Digitization for Productivity – Evidence from Web-Scraping European High-Tech Company Websites
SANDRO MONTRESOR, FABRIZIO FUSILLO, ADELIA FATIKHOVA: Regional Green-Tech Diversification and Inter-Regional Green Knowledge Flows: EU Evidence
MAGGIE MEI, JOJO JACOB, LIONEL NESTA, DAVID CATHERINE: Alliance Formation under Uncertainties: How do Knowledge Complementarity and Similarity Matter?
DMITRY SHARAPOV, JAN-MICHAEL ROSS, YURI MISHINA, JAMAL SHAMSIE: The Role of Market and Organizational Leadership in Imitation of Resource Allocation Decisions under Uncertainty
LUIGI MOSCA, KELL JONES, JACQUELINE GLASS: University Industry Collaborations in Times of Crisis
DANIEL HAIN, ROMAN JUROWETZKI, HAMID BEKAMIRI: A Survey on Sentence Embedding Models Performance for Patent Analysis
CHRISTIAN RICHTER ØSTERGAARD, BRAM TIMMERMANS, HAMID BEKAMIRI: Semantic Similarity Score: A New Bibliometric Method to Science Mapping
MARTINA BURATTI, MATTHIAS MENTER: Innovation Radicalness of Entrepreneurial Ecosystems: An Analysis of Regional Knowledge Flows
HAMID MAZLOOMI, MERT MERDE, DIRK SCHNECKENBERG: Selecting Internal Corporate Venturing Ideas in Multi-Business Firms - The Impact of Strategic Relatedness, Idea Feasibility and Novelty
RAFAEL CORREDOIRA, ZEYNEP YAVIC: Does Institutional Context Matter for How Gender Influences Innovation Quality? The Heterogeneous Impact of Gender Diversity on Technological Evolution
VITUS PÜTTMANN: Exchange Hazards in Science–Society Research Collaborations: Do Governance Forms Economize on Transaction Costs?
DIOGO MACHADO: Experience Matters, but so does Diversity: How Mixed-Experience Teams Shape Technological Progress
TRULS ERIKSON, EKATERINA S. BJORNALI: The Role of Board Leadership in Entrepreneurial Ecosystems
ROBERTO VIVONA: Innovation Without Borders: A Spatial Approach to Tackling Global Problems
SHREEKANTH MAHENDIRAN, CHIRANTAN CHATTERJEE, ANTHONY DUKES, DANIEL SOKOL: The Dynamics of Private Trademark Enforcement: The Case of Indian Pharmaceuticals
OLIMPIJA HRISTOVA ZAEVSKA, LUCIA PISCITELLO: The impact of Industry 4.0 Ecosystems on European Regional Innovativeness
CHUN-YAO TSENG: The Relationship between Corporate Governance and Green Innovation: The Moderating Effect of Public Innovation Support and Organizational Slack
FLORIAN HULFELD: Ivory Power? Capturing the Causal Effect of Academic Knowledge Transfers on Private Sector Innovation using a Shift-Share Approach
ALESSANDRA LUZZI, SHERYL WINSTON SMITH: Scaling Social Business Hybrids: A Multiple Case Study on the Role of Learning
AFONSO AMARAL, ERICA RH FUCHS, M. GRANGER MORGAN, JOANA MENDONÇA: Cross Institutional Collaboration in Times of Crisis: The Symbiotic Role of Central and Local Institutions in Addressing Technologically Advanced Product Shortages
ROMEO V. TURCAN, DENNIS P. SAKALAUSKAS: Exploring Environmental Social Governance in New Luxury-based Ventures in the Context of Michelin Star-Rated Restaurants
QIONG WU, JULIO DECASTRO: My Business or My Country: The Role of Concurrent Embeddedness in Host Country and Home Country on the Performance of Immigrant Entrepreneurs’ Business

SOCIAL PROGRAM



DRUID
Drinks

SATURDAY, JUNE 10, 18:30-20:00
VENUE: PEDRO SANTA CLARA ALUMNI LOUNGE
Included in conference registration

On NOVA's gorgeous rooftop overlooking the Atlantic Ocean, we enjoy a glass and some snacks. Meet up with old and new DRUID friends, relax, and fuel up before you venture out into Portugal's dinner options.
After the drinks, dinner to be self-organized. See local dining options elsewhere in this program.

DRUID DISCOVERIES Excursions

ALL EXCURSIONS WILL BEGIN AT THE CONFERENCE VENUE AND END AT THE DRUID CONFERENCE DINNER.
The excursions are not included in the conference fee and registration and pre-payment is required. Please see your online conference profile.



DISCOVERY 1: Sorcery at Sea
PICK-UP: 16:30 AT MAIN CONFERENCE VENUE (NOVA SCHOOL OF BUSINESS AND ECONOMICS).
END: 19:00 AT THE DRUID CONFERENCE DINNER VENUE

Join other DRUIDs on a two-hour luxury cruise along the Lisbon Riviera! Local sailing company **Ocean Week** will pick us up from **Oeiras Marina** right next to the conference venue and make sure everybody gets their share of sun, sailing and scenery. The skipper has loaded the catamaran with music and drinks, and will drop us off right by the DRUID Dinner venue in the **Forte de São Julião da Barra**. Refreshments will be provided. Remember your sun lotion, sunglasses and hat, and perhaps swimming gear!



DISCOVERY 2: Sorcerers on Surf Boards!
PICK-UP: 16:30 AT MAIN CONFERENCE VENUE (NOVA SCHOOL OF BUSINESS AND ECONOMICS).
END: 19:00 AT THE DRUID CONFERENCE DINNER VENUE

"The only position more prestigious than being on the DRUID Executive Board is being on a DRUID Surf Board!". You may be at the peak of your intellectual powers. You may be presenting seminal research at DRUID23. You may be nominated for a DRUID Best Paper award. But... just how good are your surfing skills? How is your balance on the board, and can you chase that perfect wave? The conference venue is set right on one of Portugal's, and indeed Europe's, best surfing beaches, complete with golden sands, body builders, and surf schools. DRUID of course accepts that challenge and invites you a two-hour surf class with **Carcavelos Surf School** on Carcavelos beach, 5 minutes from the conference venue. All DRUIDs are welcome, beginners as well as accustomed beach bums. All equipment and sports insurance included. Remember swimming gear, high-factor sun lotion, and perhaps sunglasses and hat!



DISCOVERY 3: JUST DRUID! Your own way
NO REGISTRATION REQUIRED - WALK, SWIM, OR TAKE A TAXI AT YOUR OWN INITIATIVE AND LEISURE.

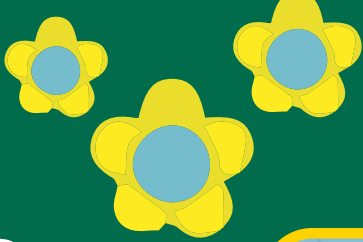
Wind your own way through the temptations of the Lisbon Riviera, until you arrive at the Conference Dinner venue. At your own peril: Drinks might be involved, so pick your excursion partners carefully. For a sun'n sand experience, stay near the conference venue at **Carcavelos Beach**. From there, it is a 5 minute walk to the DRUID conference dinner venue in the **Forte de São Julião da Barra**. For a more cultured experience, we suggest you take a taxi (10 minutes) to **Cascais**. Here, there are plenty of bars, shops and a nice beach.

Please arrive at the DRUID conference dinner venue at 19:00.

DRUID 2023

DRUID 2023

SOCIAL PROGRAM



DRUID DINNER
and Paper Award
Ceremony

SUNDAY, JUNE 11, 19:00-23:00
VENUE: FORTE DE SÃO JULIÃO DA BARRA, AVENIDA MARGINAL 10, OEIRAS
Included in conference registration

The grand DRUID DINNER is known for its excellent food and high fun factor. This year dinner is served in the dramatic location of the mighty **Forte de São Julião da Barra**. Built in Vauban style in 1568, the Forte is now one of Portugal's largest maritime fortifications. It has defended Lisbon's Tagus estuary against many an enemy, even if it fell to the Spanish in 1580, Napoleon in 1807, and DRUID in 2023. Overlooking the Atlantic Ocean, the DRUID DINNER menu will of course be light on meat but rich in taste, mixing international flavors with local specialties.



DRUID DECADENCE After Party

MONDAY, JUNE 12, 20:00-?
VENUE: GO A LISBOA, CALÇADA DO LIVRAMENTO 17, LISBON
Not included in the conference fee and registration and pre-payment is required. Please see your online conference profile.

Monday evening and night, DRUID hosts the **DRUID Decadence** After Party. A true DRUID tradition, the Decadence has made DRUIDs dining and dancing the night away in Copenhagen, London, Barcelona, Rome, and New York. This year, DRUID Decadence will plug into Lisbon's famous FESTIVAL OF SAINT ANTHONY. We will meet in Go A Lisboa, a Lisbon rooftop oasis with great vibes and excellent views across the Lisbon skyline and

the 25 April Bridge. Expect Saint Anthony-themed food and great music, before choosing whether to stay and dance on the rooftop or to venture out to party with the locals in the city's historical neighborhoods until the wee hours of the morning.
For party revelers residing in Carcavelos, Estoril or Cascais, DRUID provides a transfer home. Busses leave at midnight and at 03:00. This is a complementary service and SUBJECT TO AVAILABILITY.



LIST OF PARTICIPANTS

Name	University
Aaron Pohlmann	University of Tuebingen
Abhijit Sengupta	University of Surrey
Abhishek Bhatia	London Business School
Afonso Almeida Costa	Nova School of Business and Economics, Universidade Nova de Lisboa
Afonso Amaral	Carnegie Mellon University
Alberto Corsini	Spanish National Research Council (CSIC)
Aldona Kapacinskaite	Bocconi University
Aleksander Millang	Nord University Business School
Alessandra Luzzi	BI Norwegian Business School
Alessandra Migliore	Politecnico di Milano
Alexander Smit	Delft University of Technology
Alexandra Badort	LUISS
Alexandra Carst	Aalborg University
Alexandra Zaby	Seeburg Castle University
Alexey Rusakov	LMU
Ali Mohammadi	Copenhagen Business School (CBS)
Aliasghar Bahoo-Torodi	City University of London
Alicia Rodríguez	Universidad Carlos III de Madrid
Alina Sagimuldina	LMU Munich
Alina Spanuth	Universitat Autònoma de Barcelona
Amal Boughnim	University of Bordeaux
Amir Maghssudipour	University of Padova
Anastasia Ri	Aston University
Anastasiia Pustovalova	University of Tartu
Anders Råve	Univeristy of South East Norway
Andrea Contigiani	Ohio State University
Andrea Mina	Sant'Anna School of Advanced Studies - Pisa
Andrea Morrison	Pavia
Angelo Cavallo	Politecnico di Milano
Àngels Dasí	University of Valencia
Anisa Shyti	IE University and Business School
Anja Schulze	University of Zurich
Ankur Chavda	HEC Paris
Ann Hipp	University of Bremen
Anna Novaresio	CNR
Annalisa Caloffi	University of Firenze
Anne Ter Wal	Imperial College Business School
Anne-Gaëlle Maltese	University of Strasbourg
Anthi Kiouka	University of Lausanne
Antonio Revilla	Universidad Carlos III de Madrid
Antonio Ughi	Sant'Anna School of Advanced Studies
Antonio Vezzani	Rennes School of Business
Anusha Sirigiri	Indian School of Business
Araksya Ayvazyan	University of Groningen
Areti Gkypali	Athens University of Economics and Business
Arianna Martinelli	Scuola Superiore Sant'Anna
Arvids Ziedonis	KU Leuven

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Arzi Adbi	National University of Singapore
Axel Zeijen	ETH Zurich
Bart Leten	Copenhagen Business School (CBS)
Bernardo Caldarola	Enrico Fermi Research Centre
Bernhard Dachs	AIT - Austrian Institute of Technology
Betsabé Pérez Garrido	Corvinus University of Budapest
Bilgehan Uzunca	ESADE Business School
Birgit Andrine Solem	University of South East Norway
Brian Silverman	University of Toronto
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Byeong-Seok Koo	Korea Institute of Science and Technology
Byeongwoo Kang	Hitotsubashi University
Carita Eklund	University of Vaasa
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Charlie An	Washington University in St Louis
Chengdi Fa	University of Amsterdam
Chenlu Yin	Tilburg University
Chia-Ling Chao	National Chung Cheng University
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Constantin Prox	INSEAD
Cornelia Lawson	University of Manchester
Cornelia Storz	Goethe University Frankfurt
Cristian Granados	Tec de Monterrey
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Damiano Maria Morando	Imperial College Business School
Dandan Xia	IESE Business School
Daniel Brown	Harvard University
Daniel Hain	Aalborg University Business School, DK

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Daniel Souza	University of Turin
Daniel Yue	Harvard University
Daniela Schoch	EM Lyon
David Baschung	ETH Zurich
Delia Mangelkramer	Freie Universität Berlin
Dennis Sakalauskas	McGill University
Despoina Filiou	The Open University Business School (UK)
Deyu Li	Utrecht University
Diego Jannace	Bocconi University
Diego Zunino	SKEMA Business School
Dilan Aksoy-Yurdagul	ESCP Business School- Madrid
Dima Yankova	Universitat Politècnica de València
Diogo Machado	Technopolis-Group & KU Leuven
Divya Saxena	London Business School
Dmitry Sharapov	Imperial College London
Do Yoon Kim	Boston College
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Oscar Llopis	University of Valencia
P. Arque	University of Groningen
Paola Criscuolo	Imperial College
Paolo Pini	Ferrara
Paul Hünermund	Copenhagen Business School (CBS)
Paul Nightingale	Sussex
Paul Olk	University of Denver
Pedro de Faria	Faculty of Economics and Business, University of Groningen
Pedro Mendi	University of Navarra
Pengfei Wang	BI Norwegian Business School
Peter Bryant	IE University

Name	University
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Petros Dimas	National Technical University of Athens
Philip Steinberg	University of Groningen
Pier Paolo Patrucco	University of Turin
Piero Caceres Diaz	Universidad ESAN
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Pontus Braunerhjelm	Royal Institute of Technology
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Ramana Nanda	Imperial College London
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Rathin Jeyaram	Universite Paris Cite
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Riccardo Leoncini	University of Bologna
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Roman Martin	University of Gothenburg
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Rossella Salandra	University of Bath
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Sarah Tung	University of Strasbourg
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Stephen Impink	NYU Stern
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Susanne Koster	Erasmus University Rotterdam, Rotterdam School of Management
Szabolcs Sebrek	Corvinus University of Budapest
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Victor Seidel	Babson College
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Yali Yi	Imperial College London
Yongwook (Yong) Paik	KAIST College of Business
Yotam Sofer	Copenhagen Business School (CBS)
Yuan Yuan	University of Warwick
Zhe Yang	University of Liverpool



THE DRUID SCIENTIFIC ADVISORY COMMITTEE



OLAV SORENSON
CHAIRMAN

Professor Olav Sorenson is the Frederick Frank '54 and Mary C. Tanner Professor of Management at the Yale School of Management.

His research interests include economic geography, economic sociology, entrepreneurship, organizational ecology, the sociology and management of science and technology, and business and corporate strategy. His most extensive line of research examines how social networks affect transactions, thereby shaping the geography and evolution of industries. Although Professor Sorenson has investigated these issues in a wide variety of settings, including banking, biotechnology, and footwear manufacturing, he has most extensively studied the entertainment industries and venture capital. Prior to joining the Yale School of Management, Professor Sorenson held the Jeffrey S. Skoll Chair in Technical Innovation and Entrepreneurship at the University of Toronto's Rotman School of Management. He has also taught at the University of Chicago, UCLA, and London Business School.



AIIJA LEIPONEN

Aija Leiponen is an associate professor at Cornell University, Dyson School of Applied Economics and Management, and at Imperial College Business School, Imperial College London, and a visiting professor at Aalto University Institute of Strategy.

Her research is focused on the organization of innovation activities in firms. Ongoing projects explore the emergence and governance of standards and intellectual property in communication technology industries; field experiments on cooperative behavior in digital communities; and innovation in the emerging (big) data economy. Her research has been published in such journals as Management Science, Strategic Management Journal, Journal of Economics and Management Strategy, Organization Science and International Journal of Industrial Organization. She serves on the editorial boards of Strategic Management Journal, Academy of Management Journal, Research Policy, and Industry and Innovation, and is a co-editor of media innovations for the Strategic Management Society.



ALFONSO GAMBARDELLA

Alfonso Gambardella is Professor of Corporate Management at the Università Bocconi, Milan. He obtained his PhD in 1991 from the Department of Economics of Stanford University.

His research focuses on technology strategy. Along with publications in leading international journals, his book, Markets for Technology (with Ashish Arora e Andrea Fosfuri, MIT Press) is widely cited. He is Co-Editor of Strategic Management Journal. He participated in numerous research projects of the European Commission and other research agencies. His website is www.alfonsogambardella.it



AMMON SALTER

Ammon Salter is a Professor of Innovation in the School of Management at the University of Bath. He also serves as the head of the Strategy and International Management group and an associate director of the Institute for Policy Research.

His current research focuses on open and distributed innovation, university-industry collaboration, and social networks and innovation.



ANITA MCGAHAN

Anita M. McGahan is Professor and Rotman Chair in Management at the Rotman School of Management at the University of Toronto. She is cross appointed to the Munk School of Global Affairs and the Physiology Department of the Medical School; is Senior Associate at the Institute for Strategy and Competitiveness at Harvard University; is the Chief Economist in the Division of Health and Human Rights at the Massachusetts General Hospital; and is President of the Academy of Management.

In 2013, she was elected by the Academy of Management's 18,000+ membership to the Board of Governors and into the Presidency rotation. The Academy is

the world's largest organization of business-school professors and scholars. In 2014, she joined the MacArthur Foundation Research Network on Opening Governance. During her 2010-2015 appointment as the Director of Toronto's PhD Program and as the Associate Dean of Research, the School's PhD and research rankings internationally increased from #11 to #4 and #17 to #4, respectively.



DIETMAR HARHOFF

Dietmar Harhoff is Director at the Max Planck Institute for Innovation and Competition in Munich. From 1998 to February of 2013 he was the Director of the Institute for Innovation Research, Technology Management and Entrepreneurship (INNO-tec) at Ludwig-Maximilians-Universität (LMU) München where he continues to hold a professorship.

Dietmar Harhoff received graduate degrees in Mechanical Engineering and Public Administration (Harvard University) and a Ph.D. degree of the Massachusetts Institute of Technology (MIT). His research focuses on innovation, entrepreneurship, intellectual property, industrial economics and economic policy.



GAUTUM AHUJA

Professor Ahuja's research interests focus on competitive analysis, innovation, globalization and the use of mergers, acquisitions and alliances in these contexts.

His research has received several international awards from the top scholarly associations in the field including the Free Press Award for outstanding research in Strategic Management (1997), the Sage-Pondy and West Publishing Awards for outstanding research in Organization Theory (1998), the TIM Best Paper Award, and the SIES-EBS Award for Best Published paper in Innovation Management (2013). His publications have appeared in the major scholarly journals (ASQ, Organization Science, SMJ, AMR, AMJ). He has served as Associate / Senior Editor for several of the top academic journals. He also served as the Co-Chairperson (2001-04) and Chairperson (2004-2013) of the Strategy Area at Ross. For several years during this period the Strategy Area (department) was ranked #1 globally by The Financial Times.



KULWANT SINGH

Kulwant Singh (Ph.D., University of Michigan; MBA and BBA (Hons), National University of Singapore) is Professor of Strategy & Policy at the NUS Business School. His

current research focuses on firm adaptation to economic and technological shocks, with a particular focus on Asia. He has published in the Academy of Management Journal, Organization Science, Strategic Management Journal, and other journals. Kulwant's recent books include Strategy for Success in Asia and Business Strategy in Asia: A Casebook. He is currently Associate Editor of the Strategic Management Journal, and was previously Chief Editor of the Asia Pacific Journal of Management. Kulwant is currently a member of the International Advisory Board of the Norwegian School of Economics, and the Executive Committees of EPAS of the European Foundation for Management Development, and of The Case Centre. He also serves on several boards at NUS business school.



MARYANN FELDMAN

Maryann Feldman is the S.K. Heninger Distinguished Chair in Public Policy at the University of North Carolina, Chapel Hill. Her research and teaching interests focus on the areas of innovation, the

commercialization of academic research and the factors that promote technological change and economic growth. A large part of Dr. Feldman's work concerns the geography of innovation – investigating the reasons why innovation clusters spatially and the mechanisms that support and create industrial agglomerations of innovation. Her current work examines the logic of economic development and the use of innovative data sources to understand regional economic dynamics. She is studying the industrial genesis of the Research Triangle Region to understand how the economy developed and the role played by public policy.



MERIC GERTLER

Meric Gertler is Professor of Geography and President of the University of Toronto. He is also the founding co-director of the Program on Globalization and Regional Innovation Systems (PROGRIS) at the Munk School of Global

Affairs. His research focuses on the geographical dynamics of innovation, knowledge flows, and creativity. His current work explores these issues within a comparative analysis of urban regions in North America and Europe. Among his best-known publications are *Manufacturing Culture: the Institutional Geography of Industrial Practice*, and the *Oxford Handbook of Economic Geography* (which he co-edited with Gordon Clark and Maryann Feldman)



RAJSHREE AGARWAL

Rajshree Agarwal is the Rudolph Lamone Chair in Strategy and Entrepreneurship at the Smith School of Business, University of Maryland. Rajshree's research interests focus on the implications

of entrepreneurship and innovation for industry and firm evolution. Her recent projects examine the micro-foundations of macro phenomena, linking knowledge diffusion among firms, industries, and regions to the underlying mechanisms of individual mobility and entrepreneurship (by academics, employees and users). Her paper on employee entrepreneurship received the Best Paper Award for 2004 from the Academy of Management Journal, and her work on post exit knowledge diffusion received the Stephen Shrader Award at the 2005 Academy of Management Meetings. She has received research grants from the Kauffman Foundation, the Marketing Science Institute, the Mellon Foundation, the National Science Foundation, and the US Department of Agriculture. Rajshree serves as a co-editor of the *Strategic Entrepreneurship Journal*, a Senior Editor of *Organization Science* and the editor of the *SSRN Entrepreneurship and Economics Journal*. Current and past editorial board positions include *Academy of Management Journal*, the *Academy of Management Review*, *Strategic Management Journal* and *Strategic Organization*. Rajshree leads the organization of CCC (the Consortium of

Competitiveness and Cooperation), was one of the founding officers of the Strategy and Entrepreneurship Interest Group at the Strategic Management Society, and is currently serving a five year officer term for the Business Policy and Strategy Division of the Academy of Management.



RAM MUDAMBI

Ram Mudambi is Professor and Perelman Senior Research Fellow at the Fox School of Business, Temple University. Previously he served on the faculties of Case

Western Reserve University, the University of Reading (UK) and the University of North Carolina – Chapel Hill. He is a Fellow of the Academy of International Business. He is a visiting Professor at Henley Business School, University of Reading, an Honorary Professor at the Center of International Business, University of Leeds (CIBUL) and a member of advisory council of the University of Bradford Centre in International Business (BCIB). His current research projects focus on the geography of innovation and the governance of knowledge-intensive processes. He has served as an Associate Editor of the *Global Strategy Journal* (2010–2013) and is an Area Editor at the *Journal of International Business Studies* (2013–2016). He has published over 80 peer-reviewed articles, including work in the *Journal of Political Economy*, the *Journal of Economic Geography*, the *Strategic Management Journal* and the *Journal of International Business Studies*. He has been a special issue editor for the *Journal of Economic Geography*, the *Journal of Management Studies* and the *International Business Review*. He serves on the editorial boards numerous journals.



SIDNEY G. WINTER

Professor Sidney G. Winter is Deloitte and Touche Professor Emeritus of Management at the Wharton School of the University of Pennsylvania. His research areas

are: Firm capabilities; technological change; competitive advantage.



SIMON PARKER

Simon C. Parker is a Professor of Entrepreneurship at the Ivey Business School, a Research Fellow at IZA in Bonn, and has an affiliation with the University of Aberdeen.

He researches the economics of entrepreneurship, and published a book of the same name with CUP in 2009. He is a Field Editor at the *Journal of Business Venturing* and a Co-Editor at the *Journal of Economics & Management Strategy*. He has served as a subject expert to the OECD on entrepreneurship and SME public policy in Italy in 2013, and is a regular keynote speaker at international conferences and workshops. He provides doctoral training seminars at universities in the US, UK and Europe, and writes cases on entrepreneurship, with a particular interest in the challenges and strategies associated with Internet-based start-ups, including their use of social media; crowdfunding; and Big Data.



WESLEY M. COHEN

Wesley M. Cohen is Professor of Economics and Management at Duke University. After a year as Research Fellow in Industrial Organization at the Harvard Business

School and twenty years teaching in Carnegie Mellon University's Department of Social and Decision Sciences, Wesley Cohen (Ph.D., Economics, Yale University, 1981) joined the faculty of the Fuqua School of Business, Duke University, as Professor of Economics and Management in September 2002 and was named the Frederick C. Joerg Distinguished Professor of Business Administration in April, 2004. He also holds secondary appointments in Duke's Department of Economics and School of Law, and is a Research Associate of the National Bureau of Economic Research. Professor Cohen also serves as the Faculty Director of the Fuqua School's Center for Entrepreneurship and Innovation.

THE DRUID EXECUTIVE COMMITTEE



MARK LORENZEN
DIRECTOR OF DRUID

Mark Lorenzen is Associate Professor of Innovation, Entrepreneurship and Industrial Dynamics at the Department of Strategy and

Innovation at the Copenhagen Business School and director of DRUID. His research is in the field of industrial dynamics, with a special focus on the relationships between innovation and the economic organization of the market in networks, projects, and clusters, currently within the creative industries. Mark has published in journals such as Journal of International Business Studies, Journal of Economic Geography, Organization Studies, and Economic Geography, convened sessions at DRUID, Academy of Management, AIB, EGOS, and AAG, raised extensive research funding, and received awards for research excellence. He is editor-in-chief emeritus of Industry and Innovation, series editor of the Routledge Studies in Industrial Dynamics, editor of The Oxford Handbook of Creative Industries, and serves in review boards for Creative Industries Journal, Journal of International Business Studies, and Industry and Innovation.



JESPER LINDGAARD CHRISTENSEN

Jesper Lindgaard Christensen is an Associate Professor in Industrial Dynamics at the Department of Business and Management, Aalborg University, Denmark. He has a Ph.D. (1992) from Aalborg University. JLC is the coordinator of the IKE-research group and of the Centre for Regional Studies of Aalborg University, Denmark. His research includes various aspects of innovation theory, -practice and -policy. His research includes innovation surveys, industry studies, venture capital and other small business finance, and aspects of economic geography such as clusters.



METTE PRÆST KNUDSEN

Mette Præst Knudsen is Professor of Innovation Management at the Department of Marketing & Management, University of Southern Denmark. Mette Præst Knudsen is

Director of the crossfaculty Centre for Integrative Innovation Management. The group pursues inter-disciplinary research on innovation processes and innovation management employing researchers from engineering, marketing, and management. She holds a PhD in Innovation from Aalborg University (1999) and a M.Sc. in Economics (1995) from Odense University. Mette Præst Knudsen is the national expert advising the European Commission on Denmark's R&I system. Her research is focused on three research streams: creativity and HRM for innovation performance, commercialization of emerging technologies, and the declining innovation patterns in Europe.



KELD LAURSEN

Keld Laursen (KL) is professor of the economics and management of innovation at Copenhagen Business School (CBS). He received his MSc degree from SPRU at the Uni-

versity of Sussex in the United Kingdom (1994) and got his PhD from the University of Aalborg in Denmark in 1998. KL is an editor of Research Policy and he is elected to serve on the chair track of the Academy of Management's Technology Innovation Management (TIM) Division for 2013-2018. He has organized and co-organized a number of international conferences, including several vintages of the DRUID Summer Conference; the US rooted CCC (Consortium for Cooperation and Competition) Annual Colloquium for Doctoral Student Research held at Copenhagen Business School in 2009; and the European-based SEI (Strategy Entrepreneurship & Innovation) Doctoral Consortium in 2012. KL's primary area of expertise is in how firms manage innovation. Within this context, KL has focused on the organizational aspects of open innovation and the consequences for innovation performance. His research has been published in outlets such as Strategic Management Journal, Organization Science, Journal of International Business Studies, Journal of Economic Geography and Research Policy.



CHRISTIAN R. ØSTERGAARD

Christian R. Østergaard is Professor of Innovation and Regional Industrial Dynamics at the Department of Business and Management, Aalborg University, Denmark. He holds

a M.Sc. (2001) in Industrial Economics and Ph.D. (2005) in Innovation, Knowledge and Economic Dynamics from Aalborg University. He is the organizer of DRUID Academy conferences. His current research activities focus on the link between employee diversity, regional diversity and innovation; decline and resilience of regional clusters; mobility of people from companies that close down; university-industry collaboration.

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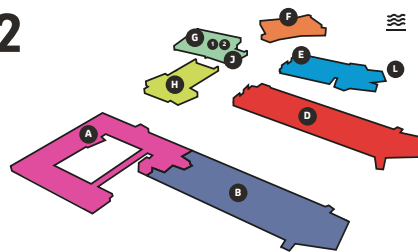
- A** Hovione Atrium
- B** Cascais Academic Hall
- C** CTT Student Hall
- D** Santander Academic Hall
- E** Ming C. Hsu Executive Hall
- F** Jerónimo Martins Grand Auditorium
- G** Horizon Hall
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- J** Westmont Hospitality Hall
- K** Nova SBE Haddad Entrepreneurship Institute
- L** Pedro Santa Clara Alumni Lounge

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Azure Floor 2	2
ICA Canteen Floor 0	3
Padaria do Bairro Floor 1	4
The Cut Floor 0	5
Vicente na Linha by Carnalentejana Floor 0	6

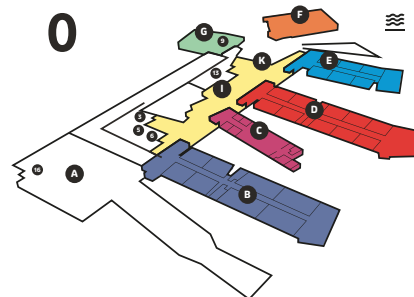
Stores & Services	
Clinic Cuf Nova SBE Floor 1	7
Fidelidade Studio Floor 1	8
Fitness Hut Floor 0	9
Konceptum Store Floor 1	10
Nova SBE Student Central Floor 1	11
Nova SBE Welcome Desk Floor 1	12
Pingo Doce & Go Floor 0	13
Santander Money Club Floor 1	14

Mobility	
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Via Verde Parking Floor 0 / -1	16

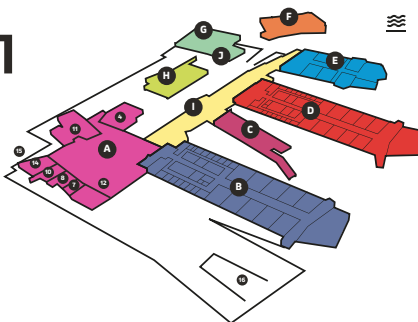
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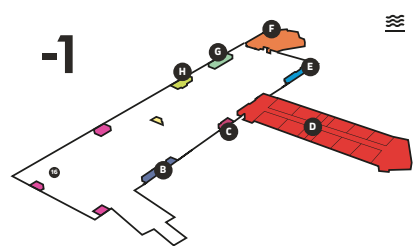
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TRANSPORT AND DINING

LOCAL TRANSPORT ALONG THE CARCAVELOS-ESTORIL-CASCAIS RIVIERA

TAXI: There are taxi ranks at Carcavelos, Estoril and Cascais stations. Taxis can also be hailed on the street, or you can call the dispatcher to arrange a pick-up:

- Taxi Carcavelos: +351 214 551 817
- Taxi Estoril: +351 214 681 991
- Taxi Cascais: +351 214 814 225

RIDE-HAILING: Uber and Bolt both operate in the Cascais area.

TRAIN: Carcavelos station is in walking distance from NOVA (or take the bus M16). Trains run along the Riviera approximately every 20 minutes. Train from Carcavelos to Estoril is 11 minutes, to Cascais 15 minutes.

LOCAL DINING AND DRINKING OPTIONS

25 minutes away by taxi, Lisbon of course offers outstanding dining and drinking. An easier option is in Cascais (15 min in taxi), where there is a great selection of eateries, from humble sardines to Michelin-starred extravaganza.

Here are a few recommendations of some very local options:

ON THE NOVA CAMPUS

THE NOVA FOOD COURT, including a pizzeria and a poke house.

PADARIA DO BAIRRO, a convenient campus café with a variety of breakfast, lunch, and snack options such as sandwiches, salads, soups, and other quick meal choices.

AZURE, a proper campus restaurant offering a diverse menu including hot dishes, salads, desserts, and wines.
+351 963 527 016

IN CARCAVELOS

ALONG THE BEACH ON AVENIDA MARGINAL, you will find a small selection of restaurants and informal cafes. Cold beers are abundant. For a real meal, we recommend:

PASTORINHA, a restaurant celebrating the gastronomic heritage of Portugal. Avenida Marginal, Praia de Carcavelos, 2775-604, Carcavelos. +351 21 457 1892

CAPRICCIOSA, a nice pizzeria, Avenida Marginal Sector Nascente, 2775-604. Carcavelos. +351 21 457 9254.



INDUSTRY AND INNOVATION

DRUID IS ASSOCIATED WITH THE JOURNAL INDUSTRY AND INNOVATION PUBLISHED BY ROUTLEDGE.

INDUSTRY AND INNOVATION is an international refereed journal publishing high-quality original research on the dynamics of industries and innovation. Interdisciplinary in nature, Industry and Innovation builds on and contributes to advancing the theoretical frontier within economics, management, and organizational studies.

Industry and Innovation is committed to nurturing the community of innovation scholars by promoting intellectual curiosity, boundary-spanning ideas and academic rigor, by contributing to both emerging and ongoing debates and sketching promising avenues in future research, as well as by providing high-quality, insightful, and timely reviews.

Industry and Innovation encourages the intersection between different areas of knowledge and lenses (e.g., technology management, international business, entrepreneurship, human resources, corporate governance, economic geography, organizational behavior) in the study of innovation, and also welcomes policy evaluation studies that can extend our understanding of innovation and industrial, institutional, or organizational dynamics. Currently in its 30th year and with 10 annual issues, Industry and Innovation's 2021 impact factor is 3.819.





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