

22<sup>nd</sup> Conference on the

# Economics of Information and Communication Technologies

27-28 June 2024, Mannheim preliminary program as of May 13, 2024

THURSDAY, 27 June 2024

## PROGRAMME

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	Registration	
08:30		
09:00	OPENING REMARKS	
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09.15 – 10:45	<b>SESSION I A</b> SOCIAL MEDIA CHAIR: NN	<b>SESSION I B</b> DIGITAL SKILLS CHAIR: NN
	<b>MORAL CHARACTERS: SOCIAL MEDIA AND U.S. CONGRESSIONAL ELECTIONS</b> Edoardo Grillo* (University of Padua), Juan S. Morales (Wilfrid Laurier University) and Alessandra Moresi (Collegio Carlo Alberto) Discussant: nn	<b>AN EXPERIMENTAL APPROACH TO MEASURE SOCIAL BIAS IN VISION-LANGUAGE MODELS</b> Carina Hausladen*, Manuel Knott (ETH Zurich), Pietro Perona and Colin F. Camerer (California Institute of Technology) Discussant: nn
	<b>HOW DIGITAL MEDIA MARKETS AMPLIFY NEWS SENTIMENT</b> Lara Marie Berger* (University of Cologne) Discussant: nn	<b>SKILLS OR DEGREE? THE RISE OF SKILL-BASED HIRING FOR AI AND GREEN JOBS</b> Eugenia Gonzales-Ehlinger (OECD) and Fabian Stephany* (University of Oxford) Discussant: nn

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**CONTENT REGULATION AND CONTENT PRODUCTION ON  
SOCIAL MEDIA: EVIDENCE FROM NETZDG**

Raphaela Andres (ZEW) and Olga Slivko\* (Rotterdam School of  
Management, Erasmus University)

Discussant: nn

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**SKILLS, JOB APPLICATION BEHAVIOR AND THE GENDER WAGE GAP:  
EVIDENCE FROM ONLINE FREELANCING**

Otto Kässi (ETLA Research), Eliza Stenzhorn\* (ZEW) and Ole Teutloff  
(Copenhagen University)

Discussant: nn

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10:45 – 11:15

BREAK

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11:15 – 12:45

**SESSION II A**

ARTIFICIAL INTELLIGENCE I

CHAIR: NN

**THE EFFECT OF VOICE AI ON DIGITAL COMMERCE**

Chenshuo Sun\* (National University of Singapore), Zijun shi,  
(HKUST), Xiao Liu (NYU) and Anindya Ghose (NYU)

Discussant: nn

**GENERATIVE AI AND DISTRIBUTED WORK: EVIDENCE FROM OPEN  
SOURCE SOFTWARE**

Manuel Hoffmann\*, Sam Boysel, Frank Nagle (Harvard Business  
School), Sida Peng (Microsoft Corporation) and Kevin Xu (GitHub  
Inc.)

Discussant: nn

**THE POTENTIAL WELFARE BENEFITS OF AI IN A DIFFERENTIATED  
PRODUCT MARKET**

Imke Reimers (Cornell University and ZEW), Chris Riedl  
(Northeastern University) and Joel Waldfogel\* (University of  
Minnesota, NBER and ZEW)

Discussant: nn

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**SESSION II B**

DIGITIZATION AND FIRM PERFORMANCE

CHAIR: NN

**MIND OVER MATTER: THE IMPACT OF IT HUMAN CAPITAL ON FIRM  
PRODUCTIVITY IN THE DIGITAL AGE**

Erik Brynjolfsson , Wang Jin (Stanford University) and Sebastian  
Steffen\* (Boston College)

Discussant: nn

**MOBILE TECHNOLOGIES AND FIRM FORMALIZATION: EVIDENCE  
FROM UGANDA**

Marina Dodlova\* (University of Münster, CESifo), Krisztina Kis-Katos  
(University of Göttingen), Anna Kochanova (University of Cardiff),  
Olivia Wirth (University of Passau)

Discussant: nn

**VIRTUAL WINDOWS THROUGH GLASS WALLS? DIGITIZATION FOR  
MOBILITY-CONSTRAINED FEMALE ENTREPRENEURS**

Layane Alhorr\* (Harvard University)

Discussant: nn

12:45 – 14:00

LUNCH BREAK

14:00 – 15:00

**KEYNOTE I:**

Tommaso Valletti (Imperial College London)

**MARKET POWER AND POLITICAL POWER: IS THERE A CURSE OF BIGNESS?**

15:00 – 15:15

SHORT BREAK

15:15 – 16:15

SESSION III A

ONLINE ADVERTISING

CHAIR: NN

**LEARNING, SOPHISTICATION, AND THE RETURNS TO  
ADVERTISING: IMPLICATIONS FOR DIFFERENCES IN FIRM  
PERFORMANCE**

Steve Tadelis\* (UC Berkeley), Christopher Hooton, Utsav Manjeer,  
Daniel Deisenroth (META Inc.), Nils Wernerfelt (Northwestern  
University), Nick Dadson, Lindsay Greenbaum (Analysis Group)

Discussant: nn

**USING THE DUAL-PRIVACY FRAMEWORK TO UNDERSTAND  
CONSUMERS' PERCEIVED PRIVACY VIOLATIONS UNDER DIFFERENT  
FIRM PRACTICES IN ONLINE ADVERTISING**

Kinshuk Jerath (Columbia Business School) and Klaus M. Miller\*  
preference on Thursday (HEC Paris)

Discussant: nn

SESSION III B

SEARCH AND BIAS

CHAIR: NN

**A FRAMEWORK FOR DETECTION, MEASUREMENT AND WELFARE  
ANALYSIS OF PLATFORM BIAS**

Imke Reimers\* (Cornell University and ZEW) and Joel Waldfogel  
(University of Minnesota, NBER and ZEW)

Discussant: nn

**CONSUMER SEARCH AND PRICE COMPARISON IN THE RIDE  
SHARING MARKET, THEORY AND CALIBRATION**

Jeffrey Fossett\*, Michael Luca (Harvard Business School), Fiona  
Scott-Morton (Yale School of Management) and Yejia Xu (Harvard  
Business School)

Discussant: nn

16:15 – 16:45

BREAK

16.45 – 18:15

SESSION IV A  
DIGITAL PLATFORMS I  
CHAIR: NN

**NOT AS GOOD AS IT USED TO BE: DO STREAMING PLATFORMS  
PENALIZE QUALITY?**

Jacopo Gambato\* (University of Mannheim and ZEW) and Luca  
Sandrini (ZEW)

Discussant: nn

**LET THAT SYNC IN: THE EFFECT OF MUSIC REUSE ON PRODUCT  
DISCOVERY**

Luis Aguiar\* and Zhizhong Chen (University of Zurich)

Discussant: nn

**FREE AND OPEN-SOURCE SOFTWARE: COORDINATION AND  
COMPETITION**

Robin Ng\* (University of Mannheim)

Discussant: nn

SESSION IV B  
PRICING IN DIGITAL MARKETS  
CHAIR: NN

**DIFFERENTIAL PRICING OF INTERNET TRAFFIC: THEORY AND  
EMPIRICAL ANALYSIS**

Danhou Li (National University of Singapore) and C. Matthew Shi\*  
(Chinese University of Hong Kong)

Discussant: nn

**THE WELFARE EFFECTS OF BEHAVIOR-BASED PRICE  
DISCRIMINATION IN E-COMMERCE**

Francesco Gabriele\* (University of Southern California)

Discussant: nn

**HUMAN-MACHINE INTERACTIONS IN PRICING: EVIDENCE FROM  
TWO LARGE-SCALE FIELD EXPERIMENTS**

Tobias Huelden\*, Vitalijs Jascisens, Lars Roemheld (Zalando) and  
Tobias Werner (Center for Humans and Machines at MPI for Human  
Development)

Discussant: nn

tba

CONFERENCE DINNER

## PROGRAMME

FRIDAY, 28 June 2024

09:30 – 10:30

**KEYNOTE II:**Maria PETROVA (Universitat Pompeu Fabra)  
tba

10:30 – 11:00

BREAK

11:00 – 12:30

**SESSION V A**DIGITAL PLATFORMS II  
CHAIR: NN**PLATFORM DESIGN, HARASSMENT, AND PRODUCTIVITY**Marita Freimane\* (University of Zurich and KU Leuven)  
Discussant: nn**ENTRY AND COMPETITION IN PLATFORM MARKETS. EVIDENCE FROM THE EUROPEAN TABLET INDUSTRY**Nestor Duch-Brown (JRC Seville), Maciej Sobolewski\* (Warsaw University)  
Discussant: nn**MARKET POWER INCREASE AND SECTORAL HETEROGENEITY: THE ROLE OF E-COMMERCE PLATFORMS**Ricardo Silvestrini\* (Erasmus School of Economics)  
Discussant: nn**SESSION V B**PRIVACY  
CHAIR: NN**MERCHANTS OF VULNERABILITIES: BUG BOUNTY PROGRAMS AND THEIR IMPACT ON SOFTWARE**Esther Gal-Or, Muhammad Zia Hydari (University of Pittsburgh), and Rahul Telang\* (Carnegie Mellon University)  
Discussant: nn**HOW DOES DISABLING COOKIE TRACKING IMPACT ONLINE NEWS CONSUMPTION?**Yufei Shen\* (Nova School of Business and Economics), Klaus M. Miller and Xitong Li (HEC Paris)  
Discussant: nn**PAYING FOR PRIVACY: PAY OR TRACKING WALLS**Timo Müller-Tribbensee\* (Goethe University), Klaus Miller (HEC Paris), Bernd Skiera (Goethe University)  
Discussant: nn

12:30 – 13:30

LUNCH BREAK

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13:30 – 15:00

**SESSION VI A**  
**TECHNOLOGY ADOPTION AND IMPACT**  
CHAIR: NN

**ARE WE YET SICK OF NEW TECHNOLOGIES? THE UNEQUAL HEALTH EFFECTS OF DIGITALIZATION**

Melanie Arntz\* (ZEW Mannheim and University of Heidelberg), Sebastian Findeisen (University of Konstanz), Stephan Maurer (University of Edinburgh), Oliver Schlenker (University of Konstanz and ZEW Mannheim)

Discussant: nn

**PRODUCTIVITY PERFORMANCE, DISTANCE TO FRONTIER AND AI INNOVATION: FIRM-LEVEL EVIDENCE FROM EUROPE**

Larissa da Silva Marioni (NIESR), Ana Rincon-Aznar (CMA) and Francesco Venturini\* (University of Urbino)

Discussant: nn

**FIRMS AND BIG DATA: ADOPTION, USE AND IMPACTS**

Alejandro Rabano\* (Universitat Pompeu Fabra)

Discussant: nn

**SESSION VI B**  
**PLATFORM REGULATION**  
CHAIR: NN

**THE PRICE EFFECTS OF PROHIBITING PRICE PARITY CLAUSES: EVIDENCE FROM INTERNATIONAL HOTEL GROUPS**

Jack Ma, Andrea Mantovani, Carlo Reggiani\* (JRC and University of Manchester), Annette Broocks and Nestor Duch-Brown

Discussant: nn

**PRODUCT RECOMMENDATIONS AND PRICE-PARITY CLAUSES**

Martin Peitz and Anton Sobolev (University of Mannheim and MaCCI)

Discussant: nn

**APP PLATFORM MODEL**

Simon Anderson\* (University of Virginia and CEPR) and Özlem Bedre-Defolie (European University Institute, ESMT Berlin and CEPR)

Discussant: nn

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15:00 – 15:30

BREAK

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15:30 – 17:00

**SESSION VII A**  
**DIGITIZATION AND THE LABOR MARKET**  
CHAIR: MARY O'MAHONY (KING'S COLLEGE LONDON)

**THE RISE OF DIGITAL TECHNOLOGIES AND THEIR IMPACT ON DEMAND FOR LABOR AND SKILLS**

Niklas Benner, Felix Heuer, Roman Klauser\* and Eduard Storm (RWI - Leibniz Institute for Economic Research)  
Discussant: nn

**THE HUMAN CAPITAL OF FIRMS USING AI**

Flavio Calvino, Chiara Criscuolo (OECD), Luca Fontanelli\* (University of Brescia), Lionel Nesta (Université Cote D'Azur) and Elena Verdolini (University of Brescia)  
Discussant: nn

**THE EMPLOYMENT IMPACT OF EMERGING DIGITAL TECHNOLOGIES**

Ekaterina Prytkova\* (University of Sussex), Fabien Petit (University College London), Deyu Li (Utrecht University), Sugat Chaturvedi (Ahmedabad University), Tommaso Ciarli (United Nations University, UNU-MERIT)  
Discussant: Mary O'Mahony

**SESSION VII B**  
**DATA AND ALGORITHMS**  
CHAIR: NN

**AUTOMATED SOCIAL SCIENCE: A STRUCTURAL CAUSAL MODEL-BASED APPROACH**

Benjamin Manning\* (MIT), Kehang Zhu (Harvard) and John J. Horton (MIT and NBER)  
Discussant: nn

**DOES HUMAN-ALGORITHM FEEDBACK LOOP LEAD TO ERROR PROPAGATION? EVIDENCE FROM ZILLOW'S ZESTIMATE**

Runshan Fu (NYU), Ginger Zhe Jin\* (University of Maryland) and Meng Liu (Washington University in Saint Louis)  
Discussant: nn

**DEFAULT DATA MANIPULATION IN MARKETPLACE LENDING**

Yutong Hu (London Business School) and Shasha Li\* (Halle Institut for Economic Reserach and OVGU)  
Discussant: nn

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17:00

CLOSING REMARKS

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17:15 – 18:45/19:00

GUIDED CITY TOUR

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