

# 21<sup>th</sup> Conference on the Economics of Information and Communication Technologies

6-7 July 2023, Mannheim

Preliminary Program as of 1 June

## PROGRAMME

THURSDAY, 6 July 2023

08:30

**REGISTRATION**

09:00

**OPENING REMARKS**

09.15 – 10:45

**Session I A**

**Digital platforms: Theory**

**Chair: Bernhard GANGLMAIR (ZEW)**

**AD BLOCKER, WHITELISTING, AND ADVERTISER COMPETITION**

Martin PEITZ\* and Anton SOBOLEV (University of Mannheim, DE)

Discussant: Özlem BEDRE-DEFOLIE (ESMT, DE)

**AD-PLATFORM COMPETITION UNDER ENDOGENOUS  
MULTIHOMING AT BOTH SIDES OF THE MARKET**

Simon ANDERSON\* (University of Virginia, US), Oystein FOROS  
and Hans Jarle KIND (NHH Norwegian School of Economics, NO)

Discussant: Anton SOBOLEV (University of Mannheim, DE)

**Session I B**

**Innovation**

**Chair: Luca SANDRINI (Budapest University, HU)**

**CYBERCRIME-DRIVEN INNOVATION**

Orlando GOMES (Lisbon Accounting and Business School, PT),  
Roxana MIHET (Swiss Finance Institute at HEC Lausanne and CEPR,  
CH) and Kumar RISHABH\* (University of Lausanne and University of  
Basel, CH)

Discussant: Luca SANDRINI

**PRODUCT PROLIFERATION IN MARKETS WITH SWITCHING COSTS  
IMPLICATIONS FOR CONSUMER WELFARE IN THE U.S. WIRELESS  
INDUSTRY**

Oleksandr SHCHERBAKOV (Bank of Canada) and Stefan  
WEIERGRAEBER\* (Indiana University, US)

Discussant: nn

	<p><b>UNITE AND CONQUER: SELLER COLLUSION IN MULTI-SIDED MARKETS</b>          Thomas EISFLED* (UC Louvain, BE)          Discussant: Bernhard GANGLMAIR</p>	<p><b>PATENTS WITH SIMULTANEOUS INNOVATIONS: THE NON-OBVIOUSNESS REQUIREMENT AND THE DIRECTION OF INNOVATION</b>          Fabio MANENTI (University of Padova, IT) and Luca SANDRINI* (Budapest University, HU)          Discussant: Stefan WEIERGRÄBER</p>
10:45 – 11:15	<b>BREAK</b>	
11:15 – 12:45	<p><b>Session II A</b>  <b>Digital platforms: Empirics</b>          Chair: Reinhold KESLER (University of Zurich, CH and ZEW)</p> <p><b>SELLER COMPETITION AND PLATFORM COEXISTENCE: EVIDENCE FROM REAL ESTATE PLATFORMS</b>          Matthias HUNOLD (University of Siegen, DE), Heiko KARLE (Frankfurt School of Finance and Management, DE), Ulrich LAITENBERGER* (Tilburg University, NL and ZEW, DE) and Jannika SCHAD (University of Siegen, DE)          Discussant: Benjamin LEYDEN</p> <p><b>THE EFFECTS OF PLATFORM-OWNER ENTRY ON THE COMPETITIVE BEHAVIOR OF THIRD-PARTY FIRMS</b>          Benjamin LEYDEN* (Cornell University, US)          Discussant: Reinhold KESLER</p> <p><b>CHOICE ARCHITECTURE, PRIVACY VALUATIONS, AND SELECTION BIAS IN CONSUMER DATA</b>          Tesary LIN* (Boston University, US) and Avner STRULOV-SHLAIN (Chicago Booth, US)          Discussant: Adrian HILLENBRAND (ZEW)</p>	<p><b>Session II B</b>  <b>Machine learning algorithms</b>          Chair: Dominik Rehse (ZEW)</p> <p><b>THE CHALLENGES OF DEPLOYING AN ALGORITHMIC PRICING TOOL: EVIDENCE FROM AIRBNB</b>          Mohsen FOROUGHIFAR* and Nitin METHA (University of Toronto, CA)          Discussant: Emma VAN INWEGEN</p> <p><b>HIRING WITH ALGORITHMIC FAIRNESS CONSTRAINTS: THEORY AND EMPIRICS</b>          Prasanna PARASURAMA* and Panos IPEIROTIS (NYU, US)          Discussant: Mohsen FOROUGHIFAR</p> <p><b>ALGORITHMIC WRITING ASSISTANCE ON JOBSEEKERS' RESUMES INCREASES HIRES</b>          Emma VAN INWEGEN*, Zanele MANYIKWA (MIT, US) and John J. HORTON (MIT &amp; NBER, US)          Discussant: Prasanna PARASURAMA</p>

12:45 – 14:00

**LUNCH BREAK**

14:00 – 15:00

**KEYNOTE I:**

**HYBRID MARKETPLACES, COMPETITION AND REGULATION**  
Özlem BEDRE-DEFOLIE (ESMT, DE)

15:00 – 15:15

**SHORT BREAK**

15:15 – 16:15

**Session III A**

**Labor**

**Chair: Mary O'MAHONY (King's College London, UK)**

**THE PANDEMIC PUSH IN DIGITAL TECHNOLOGIES AND  
WORKFORCE ADJUSTMENTS**

Christina GATHMANN (LISER, University of Luxembourg and CEPR),  
Christian KAGERL\* (IAB and FAU Erlangen-Nuremberg, DE), Laura  
POHLAN (IAB; IZA, LASER and ZEW, DE) and Duncan ROTH (IAB, DE)

Discussant: Mary O'MAHONY

**EFFECTS OF E-COMMERCE ON LOCAL LABOR MARKETS**

Anahid BAUER\* (Institut Mines-Telecom Business School, LITEM,  
FR) and Sofia Fernandez Guerrico (Universite Libre de Bruxelles,  
DULBEA, BE)

Discussant: Căcilia LIPOWSKI (ZEW, DE)

**Session III B**

**Search**

**Chair: Atabek ATAYEV (ZEW)**

**MULTI-ATTRIBUTE SEARCH**

Jacopo GAMBATO\* (ZEW)

Discussant: Heiko KARLE

**SEARCH COSTS AND CONTEXT EFFECTS**

Heiko KARLE\* (Frankfurt School of Finance & Management, CEPR  
and CESifo, DE), Florian KERZENMACHER (University of Innsbruck,  
AT), Heiner SCHUMACHER (KU Leuven, BE and University of  
Innsbruck, AT) and Frank VERBOVEN (KU Leuven and CEPR, BE)

Discussant: Atabek ATAYEV (ZEW)

16:15 – 16:45

**BREAK**

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16:45 – 18:15

**Session IV A**

**Privacy I**

**Chair: Mike WARD (University of Texas at Arlington, US)**

**GEOTARGETED MOBILE ADVERTISING FOR SMALL BUSINESSES**

Inyoung CHAE (Sungkyunkwan University, KR), Mingyu (Max) JOO\* (University of California, Riverside, US), Alex J. KIM (Sungkyunkwan University, KR)

Discussant: Andreas HAMANN (University of Mannheim, DE)

**INFORMATION FRICTIONS AND HETEROGENEITY IN VALUATIONS OF PERSONAL DATA**

Avinash COLLIS\* (CMU, US), Alex MOEHRING (MIT, US), Ananya SEN (CMU, US) and Alessandro ACQUISTI (CMU, US)

Discussant: Mike WARD

**DATA, PRIVACY LAWS AND FIRM PRODUCTION: EVIDENCE FROM THE GDPR**

Mert DEMIRER\* (MIT, US), Diego JIMENEZ-HERNANDEZ (Chicago FED, US), Dean LI (MIT, US) and Sida PENG (Microsoft)

Discussant: Dominik REHSE (ZEW)

**Session IV B**

**Social media**

**Chair: Adithya PATTABHIRAMAIAH ( Georgia Institute of Technology, US)**

**THE INTERPLAY OF INFLUENCER STATUS AND INTIMACY IN GENERATING SALES: EVIDENCE FROM SECONDARY DATA AND THREE FIELD**

Maximilian\* BEICHERT, Andreas Bayerl (University of Mannheim, DE), Jacob Goldenberg (Reichman University, IL) and Andreas Lanz (HEC Paris, FR)

Discussant: nn

**LET'S PLAY FAIR - PURCHASE AND USAGE EFFECTS OF INFLUENCER MARKETING ON YOUTUBE**

Nan LI\* (Tongji University, CN), Avery HAVIV (University of Rochester, US), Mitch LOVETT (University of Rochester, US)

Discussant: Adithya PATTABHIRAMAIAH ( Georgia Institute of Technology, US)

**CAN ONLINE POPULARITY MANIPULATION LEAD TO OVERVALUATION? EVIDENCE FROM THE FOOTBALL PLAYERS' MARKET**

Theo MARQUIS (Science Po Paris, FR) and Nicolas SOULIE\* (Institut Mines-Télécom Business School, FR)

Discussant: nn

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18:30/18:45

**CONFERENCE DINNER AT ZEW**

09:00 – 10:30

**Session V A****Diffusion of digital technologies I****Chair: Vatsala SHREETI (Bank of International Settlements)****THE DIFFUSION OF ARTIFICIAL INTELLIGENCE: NEW EVIDENCE FROM GERMAN ONLINE JOB VACANCY DATA**

Myrielle GONSCHOR\* (RWI - Leibniz Institute for Economic Research & HHU, DE) and Eduard STORM (RWI - Leibniz Institute for Economic Research, DE)

Discussant: Christian KAGERL

**IMITATION OF PRODUCT CHARACTERISTICS IN THE MOBILE HANDSET MARKET**

Vatsala SHREETI\* (Bank of International Settlements) and Luise EISFELD (Toulouse School of Economics, FR)

Discussant: Daniel YUE

**I, GOOGLE: ESTIMATING THE IMPACT OF CORPORATE INVOLVEMENT ON AI RESEARCH**

Daniel YUE\* (Harvard Business School, US)

Discussant: Vatsala SHREETI

**Session V B****Digital markets: Theory****Chair: Tobias WENZEL (Heinrich Heine University and ZEW)****THE PRODUCTION OF INFORMATION**

Willy LEFEZ\* (ESMT, DE)

Discussant: Thomas EISFELD (UC Louvain, BE)

**PRIVACY SPILLOVERS AND INTEROPERABILITY IN NETWORK MARKET**

Alexander RASCH ((Heinrich Heine University, DE), Shiva SHEKAR (Tilburg University, BE) and Tobias WENZEL\* (Heinrich Heine University and ZEW)

Discussant: nn

**APP INNOVATION AND WELFARE IMPLICATIONS OF PLATFORM COMMISSION FEES**

Amit MEHRA (UT Dallas) and Siddhartha SHARMA\* (Indiana University, US)

Discussant: Tobias WENZEL

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10:30 – 11:00	<b>BREAK</b>	
11:00 - 12:00	<b>Session V A</b> <b>Data</b> <b>Chair: Francesco CLAVORA BRAULIN (AGCM - Italian Competition Authority, IT and ZEW)</b>  <b>DATA BROKER COMPETITION AND DOWNSTREAM MARKET ENTRY</b> Laura ABRARDI, Carlo CAMBINI and Flavio PINO* (Polytecnico di Torino, IT)  Discussant: Francesco CLAVORA BRAULIN  <b>MANDATED DATA SHARING IN HYBRID MARKETPLACES</b> Federico NAVARRA* (University of Padova, IT), Flavio PINO (Polytechnic of Turin, IT) and Luca SANDRINI (Budapest University, HU)  Discussant: Willy LEFEZ (ESMT, DE)	<b>Session V B</b> <b>Digital media</b> <b>Chair: Joel WALDFOGEL (University of Minnesota, US)</b>  <b>GET RICH OR DIE TRYIN': CONCERTS AND THE DIGITIZATION OF RECORDED MUSIC</b> Franziska KAISER*, Christian Peukert (University of Lausanne - HEC, CH) and Jörg CLAUSSEN (LMU Munich, DE)  Discussant: Luis AGUIAR  <b>COUNTERVAILING PLATFORM POWER: SPOTIFY AND THE MAJOR RECORD LABELS, 2017-2020</b> Luis AGUIAR* (University of Zurich, CH), Joel WALDFOGEL (University of Minnesota, US) and Axel ZEIJEN (ETH Zurich, CH)  Discussant: Avinash COLLIS (CMU, US)
12:00 – 13:00	<b>LUNCH BREAK</b>	
13:00 – 14:00	<b>KEYNOTE II:</b>  <b>TWO FACES OF AMAZON POWER</b> <b>Joel WALDFOGEL (University of Minnesota, US)</b>	
14:00 – 14:30	<b>BREAK</b>	

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14:30 – 16:00

**Session VII A**

**Privacy II**

**Chair: Martin PEITZ (University of Mannheim and ZEW)**

**DIGITAL HERMITS**

Jeanine MIKLOS-THAL\* (University of Rochester, US), Avi GOLDFARB (University of Toronto, CA), Avery HAVIV (University of Rochester, US) and Catherine TUCKER (MIT, US)

Discussant: Martin PEITZ

**ECONOMICS OF PRIVACY: IMPACT OF APP PRIVACY LABEL DISCLOSURE ON DEMAND**

Rajiv GARG (Emory University, US) and Rahul TELANG\* (Carnegie Mellon University, US)

Discussant: Jeanine MIKLOS-THAL

**ECONOMIC IMPACT OF APPLE'S APP TRACKING TRANSPARENCY FRAMEWORK (ATT)**

Lennart KRAFT, Bernd SKIERA\* (Goethe University Frankfurt, DE) and Tim KOSCHELLA (Kayzen, Realtime Technologies GmbH, DE)

Discussant: Joel WALDFOGEL

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16:00

**CLOSING REMARKS**

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16:30 – around 18:00

**OPTIONAL GUIDED CITY TOUR IN MANNHEIM**

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**Session VII B**

**Diffusion of digital technologies II**

**Chair: Elisa GERTEN (University of Cologne, DE)**

**PEER BENCHMARKING AND THE PERFORMANCE MANAGEMENT OF DIGITAL TECHNOLOGIES: EVIDENCE FROM A NATURAL FIELD EXPERIMENT**

Anwar ADEM (Warwick Business School, UK), Richard KNELLER and Cher LI\* (University of Nottingham, UK)

Discussant: Moritz GOLDBECK

**AGING POPULATION AND TECHNOLOGY ADOPTION**

Daniele ANGELINI\* (University of Konstanz, DE)

Discussant: Elisa GERTEN (University of Cologne, DE)

**BIT BY BIT COLOCATION AND THE DEATH OF DISTANCE IN SOFTWARE DEVELOPER NETWORKS**

Moritz GOLDBECK\* (Ifo Institute and LMU Munich, DE)

Discussant: Patrick BREITHAUPT (ZEW)