

## PROGRAMM

### ZIF RESEARCH GROUP - CLOSING CONFERENCE

## Economic and Legal Challenges in the Advent of Smart Products

Convenors: Herbert Dawid (Bielefeld, GER)  
Sabine Gless (Basel, SUI)  
Gerd Muehlheusser (Hamburg, GER)

**17 – 19 July 2023**

#### MONDAY, 17 JULY

11:30 – 12:00 Registration

12:00 – 13:00 Lunch / Welcome by the Convenors of the Research Group

13:00 – 15:00 **Acceptance of Smart Products**, Chair: Herbert Dawid

*Legal Perspectives Inspiring Management Research on the Acceptance of Smart Consumer Products*

Nicola Bilstein (University of Bayreuth, Germany) / Sabine Gless (University of Basel, Switzerland) / Timo Rademacher (University of Hannover, Germany) / Melina Schleef (Bielefeld University, Germany) / Paul T. Schrader (Bielefeld University, Germany) / Christian Stummer\* (Bielefeld University, Germany)

*Is ChatGPT Detrimental to Innovation? Experimental Evidence from Egypt*

Engin Amin / Mazen Hassan / Zeyad Kelani / Sarah Mansour\* (University of Cairo, Egypt)

*Affirmative actions, the prevention against bribes and the chance of AI in developing countries*

Sarah Mansour\* (University of Cairo, Egypt) / Andreas Nicklisch\* (UAS Grisons, Switzerland) / Kemi Omotubora\* (University of Lagos, Nigeria)

15:00 – 15:30 Coffee, Tea & Cake Break

15:30 – 17:30 **Theoretical Research on Smart Products**, Chair: Shay Lavie

*The Conceivable Scope of Damages Rules when Artificial Intelligence is Involved*  
Urs Schweizer (University of Bonn, Germany)

*Smart Products and R&D: Effects of the Option to Update*

Herbert Dawid (Bielefeld University, Germany) / Nick Huberts\* (University of York, United Kingdom) / Peter Kort (Tilburg University, Netherlands)

18:30 Dinner

## TUESDAY, 18 JULY

- 8:30 – 10:30 **Innovation and Platform Design**, Chair: Peter Kort  
*Financial Constraints, Innovation Policy and Industry 4.0: New Evidence from the Italian Automotive Supply Chain*  
 Giuseppe Giulio Calabrese (CNR-Ircres, Italy) / Greta Falavigna (CNR-Ircres, Italy) / Roberto Ippoliti\* (University of Eastern Piedmont, Italy)  
*Platform Design and Product Quality*  
 Berno Buechel\* / Enrico Maria Fenoaltea / Fujuan Gao / Yi-Cheng Zhang (University of Fribourg, Switzerland)
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- 10:30 – 11:00 Coffee & Tea Break
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- 11:00 – 13:00 **Robots, Morals and Social Norms**, Chair: Sabine Gless  
*Robots in a Civilized Society: Should Robots be Taught to Adhere to Social Norms?*  
 Omri Rachum-Twaig / Ohad Somech\* (Tel-Aviv University, Israel)  
*Can you murder Alexa? The Moral and Legal Limits of Interactions with Smart Products*  
 Kamil Mamak (University of Helsinki, Finland)
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- 13:00 – 14:00 Lunch
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- 14:00 – 16:00 **Behavior of Highly Automated Vehicles**, Chair: Christian Stummer  
*Developing Cost Functions from Continual Learning in Automotion Based on Real-World Image Datasets*  
 Herbert Dawid (Bielefeld University, Germany) / Stefan Kramer (University of Mainz, Germany) / Daniel Tesfabrhan Woldeselasse\* (University of Mainz, Germany)  
*What do Engineers mean by Incentive in Autonomous Vehicle Control?*  
 Sharon Di (Columbia University, USA)
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- 16:00 – 16:30 Coffee, Tea & Cake Break
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- 16:30 – 17:30 *Algorithmically Induced Bias*,  
 Ben Chen (University of Hong Kong)  
 Chair: Gerd Muehlheuser
- 17:45 – 19:15 **Keynote, Chair: Gerd Muehlheuser**  
*Who Benefits from the Data Economy?*  
 Alessandro Acquisti (Carnegie Mellon University, USA)
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- 19:30 Dinner at ZiF

## WEDNESDAY, 19 JULY

- 8:30 – 10:30 **AI and Liability**, Chair: Sarah Mansour  
*A Critical Study of the Revised Product Liability Directive (PLD) and the Artificial Intelligence Liability Directive (AILD) Proposals*  
 Shu Li (Erasmus University Rotterdam, Netherlands) / Béatrice Schütte (University of Helsinki, Finland)  
*Towards a Legal Basis for Infliction of Small Penalties by Autonomous Last-Mile Delivery Robots*  
 Subhajit Basu (University of Leeds, United Kingdom)\* / Fanta Camara (University of Lincoln, United Kingdom) / Charles Fox (University of Lincoln, United Kingdom) / Kemi Omotubora\* (University of Lagos, Nigeria)

10:30 – 11:00 Coffee & Tea Break

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11:00 – 13:00 **AI-Based Decisions**, Chair: Sharon Di

*AI-Based Decision Support Systems and Their Impact on Behavior in Image Recognition Tasks*

Sebastian Krügel\* / Matthias Uhl (TH Ingolstadt, Germany)

*How Human Rights Can Provide a More Systematic Approach to The Regulatory Challenges of AI: The Case of Internet of Bodies*

Enrique Santamaria / Alberto Quintavalla (Erasmus University Rotterdam, Netherlands)

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13:00 Farewell Lunch / Departure

\* speaker; all times given are CEST