

Title of the Track

Personal ICT: Design, use and impacts

Short Description of the Proposed Track

The rapid diffusion of powerful technology has infused our lives with a plentitude of devices and services. With more mobile devices than people on earth and a growing number of products and services entering individuals' private sphere, this area of digitization calls for further attention. Such personal ICT serve a plentitude of purposes and range from devices such as smartphones, smartwatches, smart home and health trackers; services such as instant messengers and advanced personal assistants; to complex peer-to-peer ecosystems such as social networks, sharing services, and collaborative systems.

Accordingly, this track focuses on the design, use and impacts of these devices, services and complex product-service systems that are preliminary aimed at individuals in their different and varying roles as consumers, family members, friends, and citizens. This track aims at conflating perspectives on (1) the unique aspects of designing and building such ICT, (2) their impacts on individuals, organizations, and society, as well as (3) the challenges in managing them. For the benefit of individuals, firms, and society, this track seeks to gather insights that can be used to actively shape - i.e. understand, facilitate, and if necessary limit - the role of these novel technologies in individuals' everyday lives.

The track aligns well with the ECIS 2018 conference theme “Beyond Digitization - Facets of Socio-Technical Change” since the digitization of individuals' personal spheres is shaped by strong interactions between social and technical aspects.

We encourage both full paper and research-in-progress paper submissions on the topic from all theoretical and methodological perspectives.

Topics include but are not limited to:

- Management and use of personal ICT
 - o Interaction patterns with personal ICT
 - o Discontinuance of personal ICT
 - o Interdependencies between different devices and services in individuals' ICT portfolios
- Impact of personal ICT
 - o Positive direct impacts (e.g., convenience, happiness, health improvements, ...)
 - o Negative direct impacts (e.g., exhaustion, physical well-being, ...)
 - o Indirect impacts on third parties (e.g., family, peers, society, organizations)
 - o Rebound effects (e.g., reduced creativity)
- Design of personal ICT
 - o Approaches to develop ICT and related services tied to the needs of individuals
 - o Design characteristics for personal ICT

Publishing Opportunities in Leading Journals

High quality and relevant papers from this track will be selected for fast-tracked development towards Internet Research (www.emeraldinsight.com/loi/intr). Selected papers will need to expand in content and length in line with the requirements for standard research articles published in the journal. Although the track co-chairs are committed to guiding the selected papers towards final publication, further reviews may be needed before the final publication decision can be made.

Internet Research (IntR) is an international and refereed journal that is indexed and abstracted in major databases (e.g., SSCI, SCI, ABI/INFORM Global), with the impact factor 3.017 in 2015.

Track Co-Chairs

| | | |
|---|----------------------------------|--|
| 1 | Name - Surname (primary contact) | Trenz, Manuel |
| | Title | Assistant Professor |
| | E-mail | manuel.trenz@wiwi.uni-augsburg.de |
| | Affiliation | University of Augsburg, Germany |
| | URL | http://www.wiwi.uni-augsburg.de/en/bwl/veit/team/assistant-professors/trenz/ |
| | Short Biography | Manuel Trenz is assistant professor of the Chair for Information Systems and Management at the University of Augsburg. He is also appointed as a research associate at the research department for "Information and Communication Technologies" (ICT) of the Centre for European Economic Research (ZEW). His research focuses on the convergence of digital and physical sales channels, IT-driven transformation and disruption, and the implications of innovative IT services on user perceptions and behaviour. |
| 2 | Name - Surname | Matt, Christian |
| | Title | Assistant Professor |
| | E-mail | christian.matt@iwi.unibe.ch |
| | Affiliation | University of Bern, Switzerland |
| | URL | http://www.iwi.unibe.ch/about_us/people/prof_dr_matt_christian |
| | Short Biography | Christian Matt is assistant professor at the University of Bern. He received his Ph.D. from Ludwig-Maximilians-Universität, Munich, and was a visiting scholar at the Wharton School of the University of Pennsylvania and Singapore Management University. His current research focuses on the digitization of individuals, in particular related to usage, decision support and informational privacy, as well as the digitization of firms, in particular, digitization strategies and digital value creation. |

ECIS 2018 TRACK 23

"BEYOND DIGITIZATION - FACETS OF SOCIO-TECHNICAL CHANGE", 23RD -28TH, JUNE, 2018, IN UNIVERSITY OF PORTSMOUTH, UK, FOR THE 26TH EUROPEAN CONFERENCE ON INFORMATION SYSTEMS

| | | |
|---|-----------------|---|
| 3 | Name - Surname | Tuunainen, Virpi Kristiina |
| | Title | Professor |
| | E-mail | virpi.tuunainen@aalto.fi |
| | Affiliation | Aalto University School of Business, Finland |
| | URL | https://people.aalto.fi/virpi.tuunainen |
| | Short Biography | Virpi Kristiina Tuunainen is professor of information systems science at the Department of Information and Service Economy of Aalto University School of Business. Her research focuses on ICT enabled or enhanced services and digital innovation. |

Track Associate Editors

| | | |
|---|--------------|---|
| 1 | Name-Surname | Turel, Ofir |
| | Title | Professor |
| | E-mail | oturel@fullerton.edu |
| | Affiliation | California State University, Fullerton, USA |
| 2 | Name-Surname | Jani Merikivi |
| | Title | Postdoctoral Researcher |
| | E-mail | Jani.merikivi@aalto.fi |
| | Affiliation | Aalto University, Finland |
| 3 | Name-Surname | Fichman, Pnina |
| | Title | Associate Professor |
| | E-mail | fichman@indiana.edu |
| | Affiliation | Indiana University Bloomington, USA |
| 4 | Name-Surname | Dorner, Verena |
| | Title | Assistant Professor |
| | E-mail | verena.dorner@kit.edu |
| | Affiliation | KIT, Germany |
| 5 | Name-Surname | Haines, Russell |
| | Title | Associate Professor |
| | E-mail | rhaines@odu.edu |
| | Affiliation | Old Dominion University, USA |
| 6 | Name-Surname | Lubna, Aban |
| | Title | Assistant Professor |
| | E-mail | ubna.alam@canberra.edu.au |
| | Affiliation | University of Canberra, Australia |
| 7 | Name-Surname | Adam, Marc |
| | Title | Senior Lecturer |
| | E-mail | marc.adam@newcastle.edu.au |
| | Affiliation | The University of Newcastle, Australia |
| 8 | Name-Surname | Tiefenbeck, Verena |
| | Title | Resesarch Associate |
| | E-mail | vtiefenbeck@ethz.ch |
| | Affiliation | ETH Zürich, Switzerland |
| 9 | Name-Surname | McKenna, Brad |
| | Title | Lecturer |
| | E-mail | b.mckenna@uea.ac.uk |
| | Affiliation | University of East Anglia, UK |

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| | | |
|----|--------------|---------------------------------------|
| 10 | Name-Surname | Wael Soliman |
| | Title | Assistant Professor |
| | E-mail | Wael.soliman@jyu.fi |
| | Affiliation | University of Jyväskylä, Finland |
| 11 | Name-Surname | Pfeiffer, Jella |
| | Title | Postdoctoral Researcher |
| | E-mail | jella.pfeiffer@kit.edu |
| | Affiliation | KIT, Germany |
| 12 | Name-Surname | Berger, Benedikt |
| | Title | Assistant Professor |
| | E-mail | benedikt.berger@bwl.lmu.de |
| | Affiliation | LMU Munich, Germany |
| 13 | Name-Surname | Peters, Christoph |
| | Title | Postdoctoral Researcher |
| | E-mail | christoph.peters@unisg.ch |
| | Affiliation | University of St. Gallen, Switzerland |
| 14 | Name-Surname | Hauff, Sabrina |
| | Title | Research Assistant |
| | E-mail | sabrina.hauff@wiwi.uni-augsburg.de |
| | Affiliation | University of Augsburg, Germany |