

Call for papers

The European Conference on Information Systems (ECIS2018)

Track 30 - Big Data for Public Safety and Personal Security

http://ecis2018.eu/wp-content/uploads/2017/08/ECIS2018_Track30_DigData_Public_Safety.pdf

The track aims to provide an outlook of the research on the connections between Big Data, public safety, security, and business models innovation as well as their challenges, such as, e.g., data quality. The track will explore the benefits, advantages as well as the challenges, limitation and threats (at data security and privacy level) that emerge from a data value chain that delivers intelligence to support operations that are surrounding various aspects of human living. In particular, it is worth noting that the track will investigate the topic of security from a social rather than technical perspective, with a specific focus on social value impacts of Big Data driven innovation in terms of capabilities and functionings enabled by the emergent Big Data ecosystems. Taking these issues into account Big Data and open linked data are a key resource for enabling capabilities, support decision-making on these issues, and develop appropriate policies and services. Furthermore, Big Data related phenomenon of the “quantified self” as individuals self-tracking of any kind of biological, physical, behavioral, or environmental information has been recently associated to other subjects than human beings such as to cars and vehicles in general, raising questions on the role of Big Data for public safety and security as well as the need for understanding the consequent infrastructural challenges and designing new platforms and services.

Special attention will be dedicated but not limited to the following areas:

- Asset Protection and Big Data
- Insurance Sector Fraud Detection
- Smart Home and Assisted Living Big Data Applications
- Automotive Safety Issues and quantified vehicles
- Ethical aspects of Big Data - Intellectual property policies for Big Data
- Innovative meshed data services, and ecosystems for the automotive, smart home and insurance domains
- New sustainable business models for the automotive, smart home and insurance domains
- Public Safety Early Warning Systems
- Public Threat Identification, Pattern Recognition and Risk Mitigation Techniques

Track Chairs

- Christopher Tucci - EPFL, Switzerland (christopher.tucci@epfl.ch)
- Jim Dowling - KTH Royal Institute of Technology, Sweden (jdowling@kth.se)
- Yury Glikman - Fraunhofer FOKUS, Germany (yury.glikman@fokus.fraunhofer.de)

Important Dates

Paper Submission deadline: November 27th, 2017

Notification of acceptance: February 14th, 2018

Submission of final paper version: March 31st, 2018

ECIS 2018 Conference: June 23rd -28th, 2018

Information on submission and Paper template available at: <http://ecis2018.eu/submissions/>