Call for Papers: Socio-technical Design and Value Orientation

The conference INFORMATIK is the annual convention and the most important meeting of the Gesellschaft für Informatik e.V. (GI), the largest computer science association in German-speaking countries. INFORMATIK 2019 will take place at the University of Kassel on September 23 - 26, 2019. It will celebrate the GI's 50th birthday, which was founded in 1969, with an attractive program for participants from science and industry. The theme of the conference is "50 Years of Society for Computer Science - Computer Science for Society". Seven conference tracks cover topics that currently receive special attention in science, practice and society. The best contributions will be forwarded for publication in suitable journals. Conference languages are German and English. Further information:

www.informatik2019.de

Socio-technical Design and Value Orientation

"Software systems are developed by humans for humans". This motto represents the main driver of this track. On one hand, social and human factors influence software engineering activities (and their productivity) as well as software systems (and their quality). Particularly empirical research has aimed during the last decade to understand, leverage, and consider human and social factors when developers, testers, managers, and users interact in software engineering projects. On the other hand, software is pervasive in our lives: it mediates people-to-people communication, supports human choices, and might even have far-reaching impact on human lives, economies, and planet. Software and its development needs to accommodate a wide range of social and human values, such as trust, governance, reputation, privacy, and sustainability – which by itself should be reflected in design, engineering, and deployment processes.

This track brings together the core contributing communities on socio-technical design and value orientation to present and discuss cutting edge research and to further advance the field. We particularly target the communities: software engineering, information systems, CSCW/Social Computing, and Societal Computing but are also seeking to cross boundaries to related fields.

Topics of Interest

Topics for this track include, but are not limited to:

Human aspects in software Engineering

Socio-technical design

Requirements engineering, in particular value-driven RE

Theories and applications of social and crowd computing

Sustainability, explainability and trust of complex software systems

Engineering social systems

Software Engineering impact on society

Value of software systems and processes

Ethical and legal aspect in software development

User involvement

Feedback and interaction loops: between systems, users, and developers

UNI KASSEL
VERSITÄT

50 JAHRE GI
GESELLSCHAFT FÜR INFORMATIK

Submissions

We welcome contributions of the following two kinds from science and practice related to the theme of the track:

- Extended abstracts provide a summary of already published outstanding work which appeared in top international venues 2017 or later that is presented to the community at the conference including an opportunity for discussion (2 pages).
- Regular articles present new insights and stable results (up to 14 pages). They may not have been submitted or published elsewhere.

Contributions in German or English should be submitted to the Review System of INFORMATIK 2019 http://easychair.informatik2019.de. Please refer to the guidelines for the GI-Edition "Lecture Notes in Informatics" at https://gi.de/service/publikationen/lni/. All submissions are reviewed by at least three members of the program committee in terms of content quality and thematic suitability.

Publication in an International Journal

All accepted contributions appear in the series Lecture Notes in Informatics (LNI). In addition, authors of the best novel contributions will be invited to submit an extended version of their article depending on topic suitability either to the Requirements Engineering Journal or the ACM Transactions on Autonomous and Adaptive Systems. Selections will be made by the track co-chairs together with the program committee.

Important Dates

12.04.2019	registration of submissions
19.04.2019	submission deadline
31.05.2019	decision notification
20.06.2019	camera-ready version due date
23.-26.09.2019	INFORMATIK 2019

Track Program Committee

Eva Bittner, University of Hamburg
Claude Draude, University of Kassel
Jörg Dörr, Fraunhofer IESE
Schahram Dustdar, TU Wien
Gregor Engels, University of Paderborn
Martin Glinz, University of Zurich
Eric Knauss, Chalmers and University of Gothenburg
Agnes Koschmider, KIT Karlsruhe

Daniel Mendez, TU München
Judith Michael, RWTH Aachen
Ali Sunyaev, KIT Karlsruhe
Barbara Paech, University of Heidelberg
Birgit Penzenstadler, California State University
Guenther Ruhe, University of Calgary
Christoph Stanik, HITeC e.V.

Track Co-Chairs

Walid Maalej, Uni Hamburg
Alexander Felfernig, TU Graz

Kontakt

sde_chairs@informatik2019.de

U N I K A S S E L
V E R S I T Ä T

50 JAHRE GI
GESELLSCHAFT
FÜR INFORMATIK