



Call for Papers

ACM SIGMIS Computers and People Research 2020

Digital Innovation: Designing our Digital Future

Location: Nuremberg, Germany

Dates: June 19-21, 2020

Conference Website: <http://sigmis.org/sigcpr2020/>

Submission Website: <https://easychair.org/conferences/?conf=acmsigmiscpr2020conf>

IMPORTANT DATES	Posters and Doctoral Consortium	Academic Papers
Submission deadline:	January 15 February 3 , 2020	January 15 February 3 , 2020
Notification of acceptance:	March 2 March 13 , 2020	March 2 March 13 , 2020
Camera-ready version:	March 23 April 1 , 2020	

For over 55 years, ACM SIGMIS Computers and People Research (CPR) conference has engaged the academic and practitioner communities in understanding issues pertaining to the intersection of information technology (IT) and people. From its roots in the studies of the IT workforce, CPR has broadened its focus to investigate all aspects of this important and complex relationship. We are delighted to welcome the 2020 ACM SIGMIS CPR conference to Nuremberg, Germany, in June 2020.

Early implementations of information systems were designed to automate administrative and transactional work by utilizing large enterprise systems. Now digital technologies are ubiquitous; influencing every aspect of society, work, and life. Societies, organizations, and individuals now face many new dilemmas, new questions, and new uncertainties. As digital technologies infuse and shape our daily lives, many of our core theoretical perspectives are derived from a time when computers were new and unknown to many organizations and people.

The context of digital innovations provides CPR research opportunities to develop new theoretical perspectives and methodological approaches. Such approaches may require novel concepts, models, and methods to understand how societies, organizations, and individuals apply, share, adopt and are impacted by digital innovation to build a digital future. Hence, there is a need for research at the intersection of societies, organizations, and individuals as well as the people being in charge of the digital innovation process and those who are educating the digital creators and leaders of the future. Therefore, the CPR 2020 conference seeks papers addressing, but not limited to the following questions:

Individual

- What leads to individuals adopting or resisting the use of digital innovations?
- What are the impacts of emerging technologies on individuals?
- How does the design of a digital innovation impact acceptance and/or resistance?
- How do individual humans interact with robotic co-workers or services?

Organizational

- How can organizations understand emerging technologies and their potential risks and opportunities?
- How can organizations enable incremental and disruptive digital innovation?
- What is the business value of digital innovations? From what does this value derive?

- Will emerging IT enable new organizational forms? What are those forms?
- How does the interaction of IT and people impact innovation, and how is innovation impacted by this interaction?
- How does IT impact entrepreneurial activities?

Societal

- How does and will digital innovation impact the nature of work?
- How can we address various digital divides?

Workforce

- What are the best ways to organize IT work to enable digital innovation?
- What factors impact retention and turnover in the IT workforce?
- What unique challenges exist for managing IT workers, and how do we meet those challenges?
- Why are some demographic groups under-represented in the IT workforce?
- What are the characteristics of the IT workforce? How are these characteristics changing?
- What are the key skills for entry into the IT workforce? How are these skills changing?
- What ethical issues result from embedding IT in work?
- What security and privacy issues result from embedding IT in work?

Education

- How do we help students develop the skills needed for entry into, and success in the IT workforce and digital innovation?
- How can we attract promising students to IS programs?
- How should IS programs deal with emerging technologies and digital innovation?
- How should IS programs differentiate themselves from computer science, analytics, data science and other overlapping programs with regard to digital innovation?
- How can universities best prepare students for careers in IS and IT?

In addition to the conference theme, we also invite submissions to a general IS track that broadly addresses issues at the intersection of information technology and people.

Format of Submissions

ACM SIGMIS CPR 2020 welcomes both completed papers and research-in-progress papers, (which may be accepted as posters), and submissions designated as posters. All papers must be original, unpublished elsewhere, and submitted on the ACM SIG proceedings template available for download from: <https://www.acm.org/publications/proceedings-template>. Reviews will be double-blind.

- **Completed papers** may include conceptual papers, empirical papers and industry case studies. They must not exceed 5000 words including all text, figures, and tables. The abstract, keywords, and references are excluded from this page count.
- **Research-in-progress** papers must not exceed 2000 words including all text, figures, and tables. The abstract, keywords, and references are excluded from this page count.
- **Poster** presentations must not exceed 500 words and should provide a comprehensive overview of the topic, research approach, findings to date (if any) and future plans for project.
- **Panels:** Ideas for interesting panels related to the conference theme should be submitted directly to Sven Laumer (sven.laumer@fau.de).

Doctoral Consortium

In conjunction with the CPR 2020 conference, a doctoral consortium will take place on the opening day of the conference. This doctoral consortium is intended for students at any stage of their dissertation research. This could include those students who are in the early stages of writing their dissertation proposal, through to those who are writing up their findings.

Students interested in participating in the SIGMIS CPR doctoral consortium should be conducting research on a topic related to the conference theme or to the broad CPR focus on intersection of information technology and people.

The purpose of the consortium is two-fold:

1. Provide feedback and guidance to students on their proposal while at a stage where feedback can be considered for future dissertation work.
2. Provide mentoring and networking opportunities to students who wish to pursue careers as researchers at the intersection of information systems and people.

Doctoral students interested in the consortium must submit an application package which includes: (1) a nomination letter, (2) an application letter from doctoral students, (3) 1/2 page executive summary of the project, and (4) a research proposal. Students nominated for the consortium by their faculty sponsor should submit the nomination letter and a 10-page research proposal together via email (sigmisacm@gmail.com) by the due date (**February 3rd, 2020**).

Nomination Letter. Doctoral students may be nominated to the consortium by any faculty sponsor such as their dissertation chair, coursework advisor or a faculty member with whom the student is conducting research. The nomination letter must indicate the student is in good standing in their program, the sponsor's relationship with the student (eg. advisor, chair, instructor), the student's status in terms of completion of their dissertation (eg. proposal stage, pre-proposal, etc.), and potential value in attending.

Application Letter. Students must submit an application letter describing why they would benefit from attending, along with specifics on personal learning objectives, and at least two challenges or questions they seek assistance with.

Executive Summary. The 1/2 page should be suitable for sharing with other doctoral attendees and/or publication in the Proceedings if accepted. (Brief statement of Research Question, Motivation, Theoretical foundation, Methodology, Early Findings if applicable.)

Research Proposal. The student's research proposal should be 11pt font, double spaced; the 10 pages excludes figures and references. The document must clearly articulate the goal and motivation of the research, the theories and literature that guide the research, the methodology being used or under consideration, and early findings if available.

The application package will be reviewed by a panel of highly qualified senior faculty mentors. The doctoral students selected to participate in the doctoral consortium will receive one round of written feedback on their proposal prior to the conference.

At the conference, each student will present their research ideas or questions and engage in discussion with faculty and fellow consortium participants. The doctoral consortium will allow activities in plenary mode and intense workshop sessions in smaller groups.

- Accepted students may choose to publish an extended abstract of their proposal in the conference proceedings.
- **Funding will be available** to assist with travel and registration fees to students selected for the doctoral consortium.

If you have any questions you may contact any of the doctoral consortium co-chairs.

Proceedings

Accepted papers will be published by ACM in the refereed conference proceedings, which will be distributed at the conference. Authors of accepted papers may choose to publish complete papers or extended abstracts of their research in the conference

proceedings. All completed research papers that are to be published in their entirety in the conference proceedings will be considered for the Magid Igbaria Outstanding Conference Paper of the Year Award. The Magid Igbaria Outstanding Conference Paper and other exemplar papers will be invited for publication in the DATA BASE for Advances in Information Systems—the quarterly journal publication of ACM SIGMIS. Articles will not be published in the event proceedings if at least one author of a submitted work is unable to present their article at the conference.

AUTHORS TAKE NOTE: The official publication date is the date the proceedings are made available in the ACM Digital Library. This date may be up to two weeks prior to the first day of your conference. The official publication date affects the deadline for any patent filings related to published work. (For those rare conferences whose proceedings are published in the ACM Digital Library after the conference is over, the official publication date remains the first day of the conference.)

Proceedings of all previous CPR conferences are available in the ACM Digital Library at <http://portal.acm.org/dl.cfm>.

Conference Location

Nuremberg is an early center of humanism and science. For example, the city contributed much to the science of astronomy. In 1471 an astronomical observatory was built in Nuremberg, in 1515, Albrecht Dürer, a native of Nuremberg, created woodcuts of the first maps of the stars of the northern and southern hemispheres and the main part of Nicolaus Copernicus's work was published in Nuremberg in 1543. Moreover, sculptors such as Veit Stoss, Adam Kraft and Peter Vischer are also associated with Nuremberg. Richard Wagner made Nuremberg's most famous native, Hans Sachs, the hero of his opera Die Meistersinger von Nürnberg.

The first documented mention of the city was in 1050, noting Nuremberg as the location of an Imperial castle, which is still today one of the main tourist attraction. Beyond its main attractions, there are 54 different museums for arts and culture, history, science and technology, toys, family and children, where visitors can see the world's oldest globe (built in 1492), a 500-year-old Madonna, and Renaissance-era German art. After World War II, the town was rebuilt with the charm of a medieval Bavarian village. It has since been dubbed the "most German of German cities".

Nuremberg is also famous for its Christkindlesmarkt (Christmas market), which draws well over a million shoppers each year. The market is famous for its handmade ornaments and delicacies, which can also be bought in the summer.

Nuremberg held great significance during the Nazi Germany era. The Nazi Party chose the city to be the site of huge Nazi Party conventions — the Nuremberg rallies. Therefore, the city provided the site for the Nuremberg trials, which held to account many major Nazi officials. Both sites can still be visited and there is a visitor's center that explains Nuremberg's role during Nazi Germany.

There are many institutions of higher education in the city, most notably the University of Erlangen-Nuremberg (Friedrich-Alexander-Universität Erlangen-Nürnberg), with 39,780 students (2017) Bavaria's third and Germany's 11th largest university with campuses in Erlangen and Nuremberg and a university hospital in Erlangen (Universitätsklinikum Erlangen). FAU is Germany's most innovative university and 2nd in Europe.

Nuremberg is also a destination for food lovers. Culinary tourists can taste the city's famous lebkuchen, gingerbread, local beer, and Nürnberger Rostbratwürstche, or Nuremberg sausages. The social event of the conference will provide an opportunity to taste typical local food.

Nuremberg Airport (Flughafen Nürnberg „Albrecht Dürer“) is the second-busiest airport of Bavaria after Munich Airport, and the tenth-busiest airport of Germany. It provides connections to all major airport hubs in Europe (e.g. Frankfurt, Munich, Paris, Amsterdam, Zurich, Istanbul) and is easily reached from all over the world.

Some impressions:

- <https://www.youtube.com/watch?v=KbgasWr3ld0>
- <https://www.youtube.com/watch?v=a23945btJYw&t=3s>

Conference Committee

Conference Co-Chairs Sven Laumer (sven.laumer@fau.de) Damien Joseph (adjoseph@ntu.edu.sg) Jeria Quesenberry (jeriag@andrew.cmu.edu)	Program Co-Chairs Daniel Beimborn (daniel.beimborn@uni-bamberg.de) Christian Maier (christian.maier@uni-bamberg.de) Shirish C. Srivastava (srivastava@hec.fr)
Doctoral Consortium Co-Chairs Deborah Armstrong (djarmstrong@business.fsu.edu) Andreas Eckhardt (andreas.eckhardt@ggs.de) Indira Guzman (indira.guzman@trident.edu) Michelle Kaarst-Brown (mlbrow03@syr.edu) Tim Weitzel (tim.weitzel@uni-bamberg.de)	Local Arrangement Chair Jessica Ochmann (jessica.ochmann@fau.de) Communications Chairs Indira Guzman (indira.guzman@trident.edu) Manuel Wiesche (manuel.wiesche@in.tum.de)