Call for Papers

I4CS solicits submissions of unpublished papers presenting research results, industrial experiences and applications, as well as detailed specifications of open problems. Electronic submission is required. Full papers of no more than 20 pages and written in English should be submitted as PDF file using our EasyChair conference management system at: *https://easychair.org/conferences/?conf=i4cs2023*.

All submitted papers will be subject to a single-blind review process by at least three members of the program committee.

I4CS Proceedings will be published with Springer in the *Communications in Computer and Information Science (CCIS)*. For formatting instructions, layout examples and templates please kindly refer to *https://www.springer.com/gp/computer-science/lncs/ conference-proceedings-guidelines*. In addition, the papers will be submitted to indexing libraries e.g., DBLP and Scopus.

Important Dates

Paper Submission:	**May 10, 2023**
Author notification:	**June 10, 2023**
Camera-ready copies:	**June 25, 2023**
Authors' registration:	**June 25, 2023**
Conference date:	**September 11 - 13, 2023**

Little Venice at Regnitz Waterfront © Eichler

Venue

Bamberg is located on the banks of the River Regnitz, offering a baroque flair with unique bridges. Its Old Town is listed as UNESCO World Heritage Site, mainly due to its intact old city wall. The town itself dates back to the 9th century. A well-known treasure of the Bamberg Cathedral is an equestrian statue, known as the Bamberg Horseman.

source: https://opentopomap.org/

Contact

For more information about the venue and further university details, please feel free to check out either

> http://www.i4cs-conference.org/
> mailto:info@i4cs-conference.org

or directly contact our program chair

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23rd International Conference

I4CS 2023
Innovations for
Community Services

September 11 – 13, 2023

Bamberg, Germany

Call for Papers

Hosted by
Otto Friedrich University of Bamberg

Supported by
Ernst Abbe University Jena

Deutsche Telekom AG

Endorsed by

Scope

Interdisciplinary thinking is a key success factor for any community. "Creating Digital Spirit" is the motto of the 23rd I4CS, to be held from September 11 until 13, 2023 in Bamberg/Germany, dedicated to challenging aspects around modern community systems. Virtual presentations will be allowed for those registered authors as exception, who cannot physically appear at the conference venue due to personal reasons or travel constrains.

Due to the rapid evolution of web technologies and rich smart and mobile Internet devices, ICT support for communities is possible on the next quality level. In search of innovative solutions, multi-disciplinary collaboration among researchers, service providers and industry partners is essential to invent novel Internet Community Services.

The I4CS, currently rated as C-level in CORE, is a direct follower of the former *International Conference on Innovative Internet Community Systems* (I²CS).

Old Townhall at Obere Brücke © Eichler

Topics

I4CS aims to bring together researchers from many scientific areas. The conference will address recent advances in theory and practice a wide range of aspects of Internet Community Services: foundations, technology and applications as well as socializations. The main objective is to show, how community services can be used in many areas and how they have been deployed. The conference topics of interest include but are not limited to the following:

Technology:
Distributed architectures and frameworks
- Data architectures and enablers for community services
- Blockchain and decentralized infrastructures
- 5G/6G technologies and ad-hoc mobile networks
- Data models, artificial intelligence, and big data analytics
- Distributed and hybrid quantum computing

Applications:
Communities on the move
- Social networks, news, and mobile work
- Open collaboration and eLearning didactics
- Recommender solutions and context awareness
- Augmented reality, robotics, and location-based gaming
- Intelligent transportation, logistics, and connected cars

Socialization:
Ambient work and living
- Remote work challenges and eHealth-assisted living
- Smart energy and home control
- Smart cities and municipal infrastructure
- Internet of things and sensor networks
- Cybersecurity and privacy concerns

I4CS
Innovations for Community Services

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