

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I4CS solicits submissions of unpublished papers, presenting research results, industrial experiences and applications, as well as detailed specifications of open problems.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 files using our EasyChair conference management system entity at: <https://easychair.org/conferences/?conf=i4cs2022>.

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 forwarded to indexing libraries e.g., DBLP and Scopus.

Important Dates

- Paper Submission: **February 20, 2022**
- Authors' notification: **March 20, 2022**
- Camera-ready copies: **April 1, 2022**
- Presenter's registration: **April 1, 2022**
- Conference dates: **June 13 - 15, 2022**



Venue

Delft is located in the province of South Holland, The Netherlands, nearby Rotterdam and The Hague. Famous for its channels, it is a popular tourist destination and hosts Delft University of Technology (TU Delft).



Contact

The Auditorium Conference Center of the TU Delft has agreed to host our event, even under difficult conditions. For more information about the venue and further details, please feel free to check out either

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

or directly contact our conference chair

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 TNO ICT – Cyber Security & Robustness
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22nd International Conference

**I4CS 2022
 Innovations for
 Community Services**

June 13 – 15, 2022

Delft, The Netherlands

Call for Papers

Hosted by

TNO, Netherlands Organization for Applied Scientific Research



Supported by

Ernst Abbe University Jena



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Scope

Interdisciplinary thinking is a key success factor for any community. "Exploring Future Computing" is the motto of the 22nd I4CS, to be held from June 13 until 15, 2022 in Delft, The Netherlands. It is dedicated to challenging aspects around modern community systems. If needed, streaming will be provided and virtual presentations allowed for those registered presenters, who cannot physically appear at the conference venue due to pandemic travel constraints.

Following the rapid evolution of web technologies and rich 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, rated as C-level in CORE, is a direct follower of the former International Conference on Innovative Internet Community Systems (I²CS).



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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
- Block chain and secure multi-party computation
- 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

- Pandemic-related challenges and eHealth-assisted living
- Smart energy and home control
- Smart cities and municipal infrastructure
- Internet of things, and cyber physical systems
- Security, identity, and data protection

I4CS

 Innovations for

 Community Services

Committees

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