## 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I4CS solicits submissions of unpublished papers presenting research results, industrial experiences and applications, as well as detailed specifications of open problems.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 comprising 20 pages or less and written in English should be submitted as PDF file using our EasyChair conference management system at: *https://easychair.org/conferences/?conf=i4cs2024*.

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: | **February 20, 2024** |
| Authors' notification: | **March 20, 2024** |
| Camera-ready copies: | **April 1, 2024** |
| Authors' registration: | **April 1, 2024** |
| Conference date: | **June 12 - 14, 2024** |

**Maas River Waterfront** © Phillipson

## Venue

Maastricht, with its rich history dating back to Roman times, boasts an array of well-preserved medieval buildings, including the stunning Basilica of Saint Servatius and the medieval city walls. Maastricht's strategic location on the banks of the Meuse River and its proximity to Belgium and Germany make it a thriving hub for commerce, culture, and international cooperation, playing a pivotal role in the formation of the European Union through the Maastricht Treaty.

*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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**24th International Conference**

# I4CS 2024 Innovations for Community Services

**June 12 – 14, 2024**

**Maastricht, The Netherlands**

## Call for Papers

**Hosted by**
TNO, Netherlands Organization
for Applied Scientific Research
&
Maastricht University

**TNO** innovation for life

**Maastricht University**

**Supported by**
Ernst Abbe University Jena

**Ernst-Abbe-Hochschule Jena**
University of Applied Sciences

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## Scope

Interdisciplinary thinking is a key success factor for any community. "Crossing Digital Borders" is the motto of the 24th I4CS, to be held from June 12 until 14, 2024 in Maastricht/The Netherlands, dedicated to challenging aspects around modern community technologies, applications and frameworks.

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).

The conference is known for its reach social program to live the idea to be a real community, offering enough space for excellent personal exchange.

**Maastricht City Hall** © Phillipson

## 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
- Cryptography and decentralized secure 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
- VR/AR, robotics, and location-based gaming
- Intelligent transportation, logistics, and connected cars

### Socialization:
### Ambient work and living
- Remote work challenges and eHealth-assisted living
- Chat bots and open AI models
- Smart home, energy control, city, and infrastructure
- Internet of things and sensor networks
- Cybersecurity and privacy concerns

**I4CS — Innovations for Community Services**

## Committees

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**Roundabout Wilhelminasingel Monument and Column** © Phillipson