

**Call for Contributions**

I4CS solicits submissions of unpublished papers presenting research results, industrial experiences and applications, as well as detailed specifications of open problems.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 8 pages, following the instructions for authors, and written in English should be submitted as PDF files using the EasyChair conference management system, available via

<https://www.easychair.org/conferences/?conf=i4cs>

All submitted papers will be subject to a double reviewing process by the program committee.

I4CS 2018 will publish their proceedings in the series **Communications in Computer and Information Science (CCIS)**, ISSN: 1865-0929, by Springer.

Extended versions of selected best will be published in the special issue of journal „**Concurrency and Computation: Practice and Experience**“ Concurrency and Computation: Practice and Experience, ISSN: 1532-0634, by Wiley.

**Important dates**

- Paper submission: **March 18, 2018**
- Author notification: **March 31, 2018**
- Camera-ready copies: **April 16, 2018**
- Conference date: **June 18-20, 2018**



**Venue**

The Village Resort Hanuliak is located 20 kilometers away from the Žilina city center. There is a regular bus connection from the Žilina bus station.



Village Resort Hanuliak,  
Oslobodenia 1071/118  
01305 Belá

49°14'33.8"N 18°57'14.5"E  
49.242722, 18.954028

**Contact**

For more information and further details, please feel free to check out either

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

or directly contact the conference chair

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18<sup>th</sup> International Conference



**Innovations for  
Community Services**

June 18-20, 2018

Žilina, Slovakia

**Call for Papers**

Hosted by

University of Žilina  
Faculty of Management  
Science and Informatics



Department of Technical  
Cybernetics



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## Scope

"Relaxation teams communities" is the motto of the 18<sup>th</sup> I4CS, to be held in Žilina, Slovakia from June 18 till 20, 2018, dedicated to challenging aspects around modern community systems.

Due to 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 Community Services.

The I4CS is a direct follower of the former "International Conference on Innovative Internet Community Systems (I<sup>2</sup>CS).



University of Žilina, Slovakia

## 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 & models for community services
- Innovation management & management of community systems
- Community self-organization in ad-hoc environments
- Search, information retrieval & distributed ontologies
- Common data models & big data analytics

#### Applications: Communities on the move

- Social networks & open collaboration
- User generated content for business and social life
- Recommender solutions & context awareness
- Augmented reality & location-based activities
- Intelligent transportation systems & logistic services

#### Socialization: Ambient work and living

- eHealth challenges & ambient assisted living
- Intelligent transport systems & connected vehicles
- Smart energy & home control
- Digitalization & cyber physical systems
- Security, identity & privacy protection



## Committees

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### Local Arrangement

Michal Hodoň, University of Žilina, Slovakia



The castle of Budatin, Žilina