

2018 IEEE ICCP

2018 IEEE 14th International Conference on Intelligent Computer Communication and Processing

September 6-8, 2018, Cluj-Napoca, Romania
<http://www.iccp.ro>



Aims and Scope

The goal of the 2018 IEEE 14th International Conference on Intelligent Computer Communication and Processing is to bring together researchers, engineers and practitioners working towards improving the power of both communication and processing software using the most advanced methods available today. The fast development of the web implies more advanced but also more secure artifacts, which require the software technology to improve at a high pace.

Topics

Technical tracks include, but are not limited to:

Intelligent Systems:

Agent-based and Multiagent Systems; Knowledge Representation, Reasoning and Engineering; Ontology Modeling and Mediation; Machine Learning; Natural Language Processing; Multidisciplinary Topics and Applications, Web and Knowledge-based Information Systems; Systems and Organization.

Computer Vision:

Image Processing Techniques and Methods; Segmentation and Features; Stereovision and 3D Reconstruction; Motion, Optical Flow and Tracking; Statistics and Machine Learning for Vision; Object Recognition; Localization; Deep Learning, Perception and Representation; Driving Assistance Applications; Autonomous Driving, Vision-based Robotic Applications; Biomedical Image Analysis, Semantic Media Annotation.

Distributed Computing and Networking:

Cloud Computing, Context Aware; Autonomic Computing; Resource Coordination and Management; Quality of Service; Queuing Network Models; Pervasive Computing; Grid Computing; Fault Tolerance; Cooperative Applications.

Special Sessions

Automated Driving: organized in the framework of the Horizon 2020 UP-Drive Project

ELEMENT - Enhanced Living Environments

HiPerGrid: organized in cooperation with Politehnica University, Bucharest, RO

Workshops

Deep Learning in Automated Driving: organized by Technical University Cluj-Napoca

Bosch Workshop: organized by Robert Bosch Romania.

Industrial Track

The industrial track is an excellent modality for companies working in the conference domains to advertise and promote their innovative products and services, connect with other companies and engage in discussions about research and development initiatives.

Important Dates

Submission of papers: June 1, 2018

Industrial track proposals: June 1, 2018

Notification of acceptance: July 14, 2018

Accepted Camera-ready papers due: July 31, 2018

Author registration due: July 31, 2018

Publication

Papers should not exceed 8 pages and should comply with IEEE formatting (8.5"x11", two-column). Accepted papers will be included in the 2018 IEEE ICCP Proceedings and will be available in IEEE Xplore digital library. They will also be submitted for indexing in Web of Science and Scopus.

Steering Committee

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Sergiu Nedevschi, Technical University of Cluj-Napoca, RO

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