



SOFA 2020

9TH INTERNATIONAL WORKSHOP ON SOFT COMPUTING APPLICATIONS 27-29 NOV-2020 ARAD, ROMANIA

Special Session: Intelligent Systems and Future Computing

Scope and topics

The aim of this special session is to motivating researchers from academia, industry, and individuals to addressing the underlying challenges of network communication system, Cloud computing, IoT, Distributed Systems, Networking technologies, Big Data, Data Mining, Analytics for Management and presenting novel techniques, experimental results, or theoretical approaches towards the problems motivated to solve by intelligent systems. Survey papers that offer a perspective on related work and identify key challenges for future research are also in the scope of the special session. For this session we seek original, unpunished contributions that are mainly focused on, but not necessarily limited to, the following topics:

Tracks: (Sub-Themes)

•Ubiquitous Computing & Networking

Ad-hoc networks, SDN, V2V, V2X, UAV, Mobile identity management, Security access policies, Network-security and Management, Privacy-respecting authentication issues, Sensor n/w and communication.

•Software Engineering & Information System

Component based and service oriented software systems, Software engineering, reliability and testing, information retrieval & security, knowledge engineering & management, system modeling and simulation techniques.

•Intelligent System & Automation

Intelligent control & Intelligent system, Intelligent management & decision making, Intelligent Automation & Manufacturing, Mechatronics & robotics, Industrial Automation.

•Multimedia Services & Technologies

Digital image processing, computer graphics, virtual reality, Image processing & acquisition, video processing.

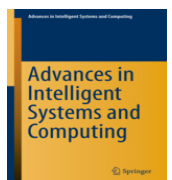
• Green Computing & Internet-of-Things

Climate and eco-system monitoring, energy saving solutions and trade-offs, power-aware-algorithms and protocols, renewable energy based algorithms, smart buildings, Eco-friendly computing & green cloud computing, IoT business models and case studies, green IoT, IoT architectures, platforms and applications, mobile IoT, security and privacy in smart city ecosystem.

•Evolutionary Computing

Fuzzy logic, natural language processing, artificial intelligence & artificial life, cognitive psychology, game theory & applications, genetic algorithm, nature inspired computation.

•All accepted papers of SOFA 2020 will be published by Springer, Advances in Intelligent Systems and Computing (ISSN 2194-5357)



- The books of this series are submitted to ISI Proceedings, SCOPUS, EI-Compendex, DBLP, Google Scholar and Springer link.
- Selected papers will also be published in ISI (SCIE) indexed journals.
- **Submission of full papers: October 30, 2020**
- **Notification of acceptance: November 10, 2020**
- **Submission of final paper and early payment: November 15, 2020**




The submission Web page for SOFA 2020 is <https://easychair.org/my/conference?conf=sofa2020#>

For more information please visit: <https://www.sofa-org.eu/2020/>

Prospective authors are invited to submit full papers, minimum 8 pages including author contact details according to the instructions on the website.



Special Session Organizers:

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- Dr. Anish Jindal, University of Essex, United Kingdom
- Prof. Tasos Dagiuklas, London South Bank University, UK.
- Gabriele Gianini, University of Milan, Italy.
- Prof. Rajeev Sobti, Lovely Professional University, India.
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