

Call for Papers for a Special Track

“Signal Processing Advances in Networking, Communication and Control Systems”

Chairman of the Special Track

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The track covers the theoretical and practical aspects of signal processing systems, analog and digital. The purpose of this Special track is to bring together leading experts, practitioners, academicians, scientists, researchers and post-graduation students from around the world to collaborate and elaborate on the current achievements in the fields of *signal processing advances in networking, communication and control systems*. This track challenges in providing a valuable opportunity for signal processing researchers to gain advanced knowledge by face to face discussions in a wide variety of application areas with a common interest in improving signal processing in networks, communication and control systems.

Technical paper submissions are solicited, but not limited to, in the following areas:

- Signal processing in control communications systems
- Signal processing in optical communications systems
- 3-D Image processing systems
- Stereoscopic movie processing systems
- Signal processing in security applications
- Signal processing in digital finance systems
- Signal processing in energy and power systems
- Signal processing in genomics and bioengineering.
- Signal processing for social media networks
- Neural signal processing
- Seismic signal processing
- Statistical signal processing

- Graph-theoretic signal processing
- Artificial intelligence systems (algorithmic and architectural)
- Big data processing
- Heterogeneous information processing
- Multimedia transmission, indexing and retrieval systems
- Signal processing of control networking systems
- Real-time DSP architecture implementations
- Soft computing methods in modelling
- Adaptive systems identification
- Robust control systems
- Neural networks
- Evolutionary computing
- Fuzzy techniques (single or multiple objective)
- Emerging soft computing techniques
- Hybrids of soft computing systems
- Hybrid uses of conventional and soft-computing methods
- Smart systems, sensors, actuators and distributed systems
- Fault management and knowledge processing and representation
- Intelligent agents Real-time aspects of intelligent control
- Training and adaptation algorithms
- Constructive algorithms
- Structures for soft-computing
- Design methodologies
- Architectures for real-time soft-control
- Parallel processing
- Reconfigurable control(FPGA or Mutli-core)

Paper Submission

- Author instructions and paper template can be found in the ICCMIT 2017 web site: <http://www.iccmit.net/>
- Paper submission in word document to:
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- Registration Details are available on: <http://www.iccmit.net/registration17.html>

Important Dates

- Full Paper submission Date: March 01, 2017
- Acceptance notification: March 07, 2017
- Camera Ready paper: March 15, 2017
- Conference Date: April 3-5, 2017

Steering International Technical and Reviewing Committee of the Track

Prof. Dr. Alex Yakovlev - SMIEEEE- University of Newcastle- Uk.
Prof. Dr. said Boussakta - SMIEEEE- University of Newcastle- Uk.
Prof. Abdulsalam Al-Mayahi – Uenergy co. - Uk.
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