



Hosted by Universidad San Francisco de Quito, in Quito, Ecuador, from the 14th - 16th July 2015

Publications

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Conference Topics

The conference is structured as a set of parallel workshops listed below:

System theory and applications

- Computer-aided system optimization & design
- Cooperative engineering systems
- Heuristic computation models and systems
- Biomimetic models, computation & systems

Autonomous and autonomic systems

- Model-driven system design

Communications and networks

- Wireless network systems & apps
- Security and safety systems
- Cognitive Radio systems

Biomedical and health systems

- Computer-based methods in medicine

Ubiquitous and ambient computing

- Cloud computing systems and applications
- Web-oriented and ontological systems
- Mobile computing and applications
- Internet-of-things (IoT)

Wireless sensor and body area networks

Mechatronic and robotic systems

- Machine vision and image processing
- Haptics and control systems
- Sensory systems and applications
- Telematics systems

- Real-time systems and applications

Software intensive systems

- Simulation systems
- Augmented reality systems
- Social network systems
- User and data centric systems

Engineering Smart Systems

- Engineering of smart infrastructures
- Precision and vertical agriculture systems
- Smart cities, buildings and homes
- Smart laboratory and education systems

Power Systems Computing and Software

- Computer-based methods and algorithms for Real-time analysis
- Computational intelligence in Smart Grids
- Computer-based tools and techniques in Power Systems Operation
- Computational models for power systems expansion planning
- Real-time systems and energy management applications

Important Dates

Full Paper Submission: **15 March 2015**
Acceptance Notification: **30 April 2015**
Regular Registration: **15 June 2015**
Conference Dates: **14-16 July 2015**

Registration Fees

IEEE members: U S\$400 (*early bird*), US\$500 (*regular*)
Non-IEEE members: US\$450 (*early bird*), US\$550 (*regular*)
Students are eligible to 10% discount

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