



ICSEng 2014

23rd INTERNATIONAL CONFERENCE ON SYSTEMS ENGINEERING



LAS VEGAS, USA, AUGUST 19-21, 2014

Papers due:

March 21, 2014

Notification of acceptance:

May 1, 2014

Camera-ready papers:

May 27, 2014

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This series of International Conferences is jointly organized on a rotational basis among three institutions, University of Nevada, Las Vegas, USA, Wrocław University of Technology, Poland, and Coventry University, UK. In August 2014, the 23rd International Conference on Systems Engineering will be held in Las Vegas, NV, at the University of Nevada, Las Vegas, USA. The proceedings are published in the Springer series **Advances in Intelligent Systems and Computing** and will be indexed by **ISI Web of Science Proceedings, DBLP, SCOPUS, Google Scholar, and Springerlink**. Selected papers will be published in the Journal of Systems Science and the International Journal of Electronics and Telecommunications.

Scope of Conference:

The Conference will cover the general area of Systems Engineering, with particular emphasis being placed on applications. It is expected to include sessions on the following themes:

- Aero-Space Systems (Avionics, Unmanned Aerial Vehicles, Aviation Control)
- General Control Systems (Control Theory, System Identification and Adaptive Control, Nonlinear Controls, Applications)
- Power Systems (Environmental Systems, Energy Systems, Renewable Energy, Nuclear Energy)
- Intelligent Systems (Expert Systems, Artificial Intelligence, Neural Network, Fuzzy, Hybrid Systems, Applications)
- Industrial Automation and Robotics
- Information and Communication Systems (Information and Communication Theory, Geographic Information Systems, Global Position Systems, Applications)
- Distributed Computer and Computer Networks Systems (Modeling and Analysis, Distributed and Wireless Systems, Distributed Servers, Parallel and Distributed Systems, Networks)
- Analog and Digital Hardware Systems (Real-time Systems, Embedded Systems, Hybrid Embedded Systems, Mixed Signal Designs, Multi-media Systems)
- Gaming and Entertainment Systems (Technology, Security, Design, Tools)
- Biometrics System (sensors, integration, data analysis, verification techniques)
- Bio-surveillance Systems (heterogeneous data sources, monitoring techniques, signal detection algorithms, privacy protection)
- Photonics and Lighting Systems
- System Engineering Standards, Modeling, Paradigms, Metrics, Testing, Management, Optimization, Simulation, Scheduling, Reliability and Fault Tolerant
- Computer Assisted Medical Diagnostic Systems (single and multiple modality medical data analysis, expert systems, prompting systems, databases, performance evaluation)

Special Sessions:

The special sessions we are featuring this year on top of the main conference tracks:

- (1) **SS1: Computational Cognitive Science**, (2) **SS2: Nature-inspired Computational Methods and Applications**, (3) **SS3: Intelligent Video Surveillance Systems**, (4) **SS4: From Boolean Problems to the Internet of Everything**

Submissions:

We invite you to submit a paper (not exceeding 10 pages, font: Times New Roman 12, one column) for the purpose of reviewing by March 21, 2014. Paper should contain 5 keywords related to the scope of the conference. All papers are to be submitted in PDF format electronically to at <http://www.icseng.com/submission/>. Hard copies should be sent only if electronic submission is not possible. Please follow the ICSEng 2014 guidelines for more information on submission. Submission implies the willingness of at least one of the authors to register and present the paper. All papers will be peer reviewed by two independent referees of the International Program Committee of ICSEng 2014.

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