32nd Science in Practice 2014 (SiP 2014)



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SiP 2014

October 15-17, 2014 Faculty of Electrical Engineering Josip Juraj Strossmayer University of Osijek **Osijek, Croatia**



Sponsored by the Faculty of Electrical Engineering, J.J. Strossmayer University of Osijek **Co-sponsored by the IEEE Croatia Section**

Call For Papers

International Conference Science in Practice (SiP) is an annual conference organized and hosted every year by one of the following institutions:

- Faculty of Electrical Engineering, Josip Juraj Strossmayer University of Osijek
- Hochschule Bremen, University of Applied Sciences .
- . Fachhochschule Würzburg-Schweinfurt, University of Applied Sciences
- Pollak Mihaly Faculty of Engineering, University of Pécs
- Polytechnical Engineering College Subotica .
- Óbuda University, Budapest

In 2014, the 32nd conference will be held in Osijek and organized by the Faculty of Electrical Engineering, J.J. Strossmayer University of Osijek. The conference will provide a platform for researchers and practitioners interested in the theory and practice of electrical engineering, computer science, automation, robotics, as well as interdisciplinary research and applications of the mentioned disciplines with mathematics, physics, mechanical engineering, medicine, etc.

The program of SiP 2014 will consist of invited talks and paper presentations. Submissions of papers describing fully developed results or on-going work are invited.

Topics for submission include but are not limited to:

- . Power systems
- Renewable electricity production
- Power electronics
- . **Electrical drives**
- Industrial electronics
- Communication systems
- Signal and image processing •
- Multimedia systems •
- Micro-electronics systems .
- . Instrumentation and measurement
- . Control systems
- . Robotics
- •
- Modeling and simulation
- Modern computer architectures • •
- Computer networks
- Embedded systems
- Distributed computer systems
- Human-computer systems .
- Intelligent systems
- Real-time systems
- Internet and web applications and systems •
- Applications of computer systems in engineering
- . Mathematical models of engineering systems
- . Engineering management
- Engineering education

PAPER SUBMISSIONS

Authors are invited to submit original, unpublished research papers that are not being considered in another forum. Manuscripts will be limited to 6 (IEEE style) pages. Please follow the IEEE Systems, Man and Cybernetics Society Press Proceedings Author Guidelines to prepare your papers with 8.5" x 11", two-column format http://www.etfos.unios.hr/sip2014. At least one author is required to attend the conference and present the paper. Electronic submission of manuscripts (in MS Word doc format) is required (e-mail: sip2014@etfos.hr). All papers selected for this conference are reviewed and will be published in the conference proceedings. The best papers presented in the conference will be selected for publication in International Journal of Electrical and Computer Engineering Systems.

IMPORTANT DATES

- August 18, 2014 Abstract submission
- September 15, 2014 Notification of acceptance
- September 22, 2014 Conference program
- September 29, 2014 Final paper submission

http://www.etfos.unios.hr/sip2014

Extended versions of selected papers will be considered for publication in the International Journal of Electrical and Computer Engineering Systems (IJECES) http://www.etfos.unios.hr/ijeces