

ICSSE 2013

IEEE International Conference on System Science and Engineering

Budapest, Hungary

July 4-6, 2013

Sponsors

IEEE Hungary Section
IEEE SMC Chapter, Hungary

Technical Co-sponsors

IEEE SMC Society
Taiwan Association of System Science and Engineering

Organizers

Óbuda University, Budapest, Hungary
Hungarian Fuzzy Association



HONORARY CHAIR

Tsu-Tian Lee, Chung Yuan Christian Univ., Taiwan

HONORARY COMMITTEE

C. L. Philip Chen, University of Macau, Macau
Keith Hipel, University of Waterloo, Canada
Mengchu Zhou, New Jersey Institute of Technology, USA

STEERING COMMITTEE

Tsu-Tian Lee (Chair), Chung Yuan Christian University, Taiwan
C. L. Philip Chen, University of Macau, Macau
Keith Hipel, University of Waterloo, Canada
Imre J. Rudas, Óbuda University, Hungary
Mengchu Zhou, New Jersey Institute of Technology, USA
Wen-June Wang, NCU, Taiwan
Shun-Feng Su, NTUST, Taiwan
Edward Tunstel, Jet Propulsion Laboratory USA
Wei-Yen Wang (execute), NTNU, Taiwan

GENERAL CHAIR

Imre J. Rudas, Óbuda University, Hungary

GENERAL CO-CHAIRS

Shun-Feng Su, NTUST, Taiwan
Wen-June Wang, NCU, Taiwan

PROGRAM CO-CHAIRS

Jyh-Hrong Chou, NKFUST, Taiwan
Qijun Chen, Tongji University, China (2014 ICSSE holder)

ORGANIZING COMMITTEE CHAIR

János Fodor, Óbuda University, Hungary

ORGANIZING COMMITTEE CO-CHAIRS

Róbert Fullér, Óbuda University, Hungary
Kao-Shing Hwang, NSYSU, Taiwan
Wei-Yen Wang, NTNU, Taiwan

AWARD COMMITTEE CHAIR

Tzue-Hseng S. Li, NCKU, Taiwan

FINANCIAL CHAIR

Márta Takács, Óbuda University, Hungary

SPECIAL SESSION CO-CHAIR

Ching-Chih Tsai, NCHU, Taiwan

PUBLICATION CHAIR

Anikó Szakál, Óbuda University, Hungary

PUBLICITY CHAIR

Chih-Min Lin, Yuan Ze University, Taiwan

PUBLICITY CO-CHAIRS

Chin-Wang Tao, NIU, Taiwan
László Horváth, Óbuda University, Hungary

SECRETARY GENERAL

Anikó Szakál, Óbuda University, Hungary

<http://conf.uni-obuda.hu/icsse2013>

Prospective authors are welcome to submit original and unpublished papers and attend the IEEE International Conference on System Science and Engineering (ICSSE 2013) to be held on July 4-6, 2013 in Budapest, Hungary.

Venue: Óbuda University, Budapest, Hungary

Authors' Schedule

Full paper submission: March 30, 2013
Notification deadline: April 26, 2013
Final paper submission: May 27, 2013



Objectives: System Science and Engineering has emerged as a research field that covers a wide spectrum of modern technology. A system can be considered as a collection of entities and their interrelationships gathered together to form a whole greater than the sum of the entities. It also involves with people, organizations, cultures, activities and interrelationships among them. While systems composed of autonomous subsystems are not new, increased data density, connectivity and ubiquitous computational resources have increased their interdependence and interaction complexity. This has in turn made the already difficult job of planning, developing and deploying complex systems even more difficult. Technology advancement not only provides opportunities for improving system capabilities but also introduces development risks that must be weighed and managed. Thus, it is our goal to bring together scholars from all areas to have a forum to discuss, demonstrate and exchange research ideas in the scope of system science and engineering.

Topics include but not limited to

Systems Modeling, Tools and Simulation
Biological Systems and Evolution
Decision and Control Systems
Optimization
System Engineering Language
Human Systems
Traffic Science and Engineering
Systems Safety and Security
Systems Risk Management
Novel Applications of Systems Engineering
Systems of Systems
Systems Architecting
E-Commerce Systems
Systems Applications in Business and Industry

Medical and Health Systems
Communication Systems
Intelligent Systems
Systems Complexity
Information and System Engineering
Industrial Organization and Management
Systems Engineering Management Process
Systems Engineering Technical and Support Process
Systems Science
Systems Engineering Professional Development
Social Systems and Social Change