

13th Annual System of Systems Engineering Conference

June, 19th-22nd, 2018
Sorbonne Universités
Paris, France

<http://sosengineering.org/2018>



Conference Theme:

*“Systems of systems Management and Control:
Frontiers between cyber, physical and social systems”*

IEEE System, Man, and Cybernetics Society and IEEE Reliability Society announce the **Thirteenth International Conference on System of Systems Engineering (SoSE)** with its vast ramifications in numerous engineering fields such as system management and engineering, control, multi-scale and multi-physics system modeling, risk analysis, safety, security, resilience, decision-making, interaction with humans, cooperation and coordination in competitive multi-systems, and in applications such as transportation (multimodal networks, mobile robotics, automated platoons), critical infrastructures (structural health monitoring, smart grids, smart cities), manufacturing (factories of future, Industrial Internet of things), healthcare (e-health, digital hospitals), environment, cyber-physical systems, defense, aerospace (smart-material based structures). The conference theme is “Systems of systems Management and Control: Frontiers between cyber, physical, and social systems”. Papers on theory, methodology, tools and applications of System of Systems Engineering in science, technology, industry, and education are welcome.

Papers should be five to six pages in length, in standard two-column IEEE Conference Proceedings format. We will also accept three-page poster papers (in two-column format). Detailed instructions for paper/poster submission and format can be found on the conference web site.

Invitations will be made to the authors of the best papers to submit an extended version of papers to the following journals or book chapters for the CRC Taylor-Francis SOSE Book Series:

1. *IEEE Systems Journal* (<http://www.ieeesystemsjournal.org/>)
2. *Journal of Enterprise Transformation* (<http://www.tandf.co.uk/journals/UJET>)
3. *AutoSoft Journal* (<http://wacong.org/autosoft/auto>)
4. *International Journal of Complex Systems* (<http://www.ij-complexsys.org>)
5. *CRC Taylor & Francis Books Series on SoSE*, Mo Jamshidi, Editor

Keynote Speakers: to be announced.



Academic Sponsors:

Université de technologie de Compiègne, Labex MS2T, France
ACEL Laboratories, University of Texas San Antonio, USA

Technical Co-Sponsors:

IEEE Systems, Man, and Cybernetics Society
IEEE Reliability Society
International Council on Systems Engineering, INCOSE
Association Française d'Ingénierie Système, AFIS

Founding Chair:

Mo Jamshidi, University of Texas San Antonio, USA

Conference General Chairs:

Thierry Denoeux, Univ. technologie de Compiègne, Labex MS2T, France
Dominique Luzeaux, Ministry of Defense, France

Program Co-Chairs:

Eric Bonjour, Université de Lorraine and AFIS, France
Franck Davoine, Univ. technologie de Compiègne, Labex MS2T France

Organized Sessions Chair:

Mo Mansouri, Stevens Institute of Technology, USA

Industrial Organized Sessions Chair:

Olivier Maurice, Airbus Safran Launchers, France
Kambiz Tehrani, ESIGELEC, France

Publications Chair:

Patrick Benavidez, University of Texas, San Antonio, USA

Industrial Liaisons:

Paul Hershey, Raytheon, USA
Garry Roedler, Lockheed Martin, USA

European Liaisons:

Gerrit Muller, Buskerud and Vestfold Univ. College, Norway
Roberto Sacile, University of Genoa, Italy

Asia & Pacific Liaisons:

Matthew Joordens, Deakin University, Australia
Fengchun Tian, Chongqing University, China

Deadlines:

- Special session proposal: **1st November, 2017**
- Paper submission (online): **5th February, 2018**
- Notification of accepted papers: **10th April, 2018**
- Final Camera Ready Manuscript due: **15th May, 2018**

Contact: Thierry Denoeux (tdenoeux@utc.fr),
Dominique Luzeaux (dominique.luzeaux@polytechnique.org)