



Call for Papers

Munich, Germany,
9–10 March 2016
smartsystemsintegration.com

10 YEARS

Co-organizer:



Part of the activities of:



mesago
Messe Frankfurt Group

Invitation SSI 2016

Just several years ago Frost and Sullivan pointed out that smart is the new green. The concept of »Smart Earth« is, in fact, the in-depth application of a new generation of network and information technologies. Smart cities arise worldwide. Global concepts for smart production are under development. The Internet of Things – IoT – including smart grid, smart health, smart city, smart buildings, smart home, smart production and smart mobility provides not only big opportunities but is requesting more highly integrated smart systems from the hardware side. The total number of connected devices is expected to grow rapidly. Electronic components and systems are a pervasive key enabling technology, impacting all industrial branches and almost all aspects of life.

The Smart Systems Integration Conference – as part of the activities of the European Technology Platform on Smart Systems Integration, EPoSS – has been a pioneer in this shift towards smartness. And so, the Smart Systems Integration Conference 2016 is already the 10th edition. SSI started in 2007 as European Conference and Exhibition and has now become a leading event at international level. For the fourth time the European Executive Congress of the MEMS Industry Group will be held in collaboration with the SSI.

The conference and exhibition addresses smart mobility, smart health, smart energy, smart production and smart society from the application point of view. Innovative smart systems, their manufacturing technologies as well as issues of integration and embedded software are also in the focus of the conference.

Within the keynote sessions two main topics will be addressed. The first one is the hardware side of the Internet of Things. The second one is printed, large area, flexible and stretchable electronics.

On behalf of the committee, the Co-Chair – Dr. Guenter Lugert of Siemens AG and Chairman of EPoSS Executive Committee – and the local Co-Chairs from Germany – Prof. Christoph Kutter (Fraunhofer EMFT), Klaus-Dieter Lang (Fraunhofer IZM) – I'm looking forward to receiving your application oriented or scientific submission.

Prof. Dr. Thomas Gessner
Fraunhofer Institute for Electronic Nano Systems ENAS
Conference chair Smart Systems Integration 2016

Conference topics 2016

A. Applications

- A01 Smart mobility
- A02 Smart health
- A03 Smart energy
- A04 Smart society
- A05 Smart production

B. Hardware/Technologies

- B01 Design of smart integrated systems
- B02 Manufacturing of embedded micro and nano systems
- B03 Advanced micro and nano technologies
- B04 New materials for nano structures and devices
- B05 Smart low cost approaches: Roll-to-Roll technologies and printed functionalities
- B06 Smart test and reliability of components and systems
- B07 System integration: 3D integration, interconnect technologies and packaging

C. Software for smart integrated systems

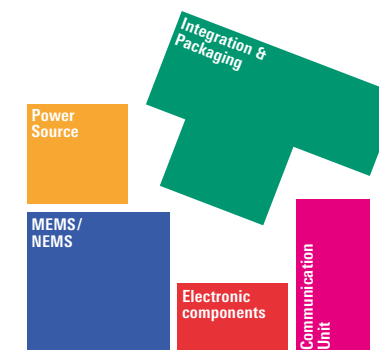
- C01 Embedded software
- C02 Stand-alone application software

Special topics

- Hardware for the Internet of Things
- Printed/stretchable and flexible electronics

Smart Systems Integration International Conference and Exhibition

- Focuses on complex systems in consideration of the components,
- Is application-oriented,
- Close to the industry and
- Shows the potential of research and development activities worldwide.



Become a speaker!

**Highlight your expertise
at the SSI conference with
concurrent exhibition!**

Your advantages at a glance

- Present your knowledge in front of a highly qualified audience.
- Exchange your experience with other experts.
- Build up your personal network.
- Benefit from maximum attention for your presentation due to extensive press work and several advertising activities.
- Take the opportunity to win the best paper/poster award.

Deadlines

Submission of abstracts

5 October 2015

Selection by committee

10 November 2015

Submission of full manuscripts

25 January 2016

Online submission at

www.smartsystemsintegration.com



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Committee list

Conference chair

Prof. Dr. T. Gessner, Fraunhofer ENAS, DE

Co-chair

Dr. G. Lugert, Siemens, EPoSS, DE

Local co-chair

Prof. Dr. C. Kutter, Fraunhofer EMFT, DE

Prof. Dr. K.-D. Lang, Fraunhofer IZM, DE

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P. Perlo, Interactive Fully Electrical Vehicle, IT

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G. Poupon, CEA-LETI, FR

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Advisory committee

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R. H. Grace, R. Grace Associates, US

K. Lightman, MEMS Industry Group, US

Prof. Z. Zhou, Tsinghua University Beijing, CN

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Dr. W. van Driel, Philips Electronics, NL

Submission requirements

Conference language

English

Submission no later than 5 October 2015

at www.smartsystemsintegration.com

Conditions of acceptance

Authors are expected to secure the registration fee of 305 EUR + VAT as well as travel and accommodation funding through their sponsoring organizations, before submitting abstracts. Full payment will be due once the submission has been accepted. Only original material should be submitted. Government and company clearance to present and publish should be finalized at the time of submission. Non-research based papers which attempt to promote commercial products cannot be submitted.

Selection process

The committee will review all submitted abstracts to maintain the high quality of the conference. Only papers submitted on time and addressing subjects which are topical and relevant to the conference will be considered for inclusion in the conference programme. Submitted papers may be selected for oral or poster presentations.

Oral and poster presentations

Oral presentations will be held in different sessions. The duration of each presentation should not exceed 25 minutes including 5 minutes for subsequent discussions. Poster authors will have the opportunity to present their posters during a special poster session and throughout the conference. All oral and poster presentations will be included in the conference proceedings.

Tutorials

Tutorials are designed to provide in-depth knowledge on special topics. They should include hands-on activities or demonstrations, illustrated by means of examples and widely agreed solutions. Tutorials can be led by one or more speakers and should not exceed 3 hours.

Venue

Following Paris, Barcelona, Brussels, Como, Dresden, Zurich, Amsterdam, Vienna and Copenhagen, the 2016 event is held in Munich, Germany. The Holiday Inn Munich – City Centre is one of the largest business hotels in the south of Germany. It is situated next to the historical city centre. There's direct access to the station »Rosenheimer Platz« so getting to other destinations like Munich International Airport, the main train station and Greater Munich is as easy as can be. Munich has excellent flight and railway connections. For more information visit: www.munich-meeting-centre.de

Impressions of SSI 2015

Exhibition and conference in Copenhagen, Denmark

