



Call for Papers

Vienna, Austria,
26–27 March 2014
smartsystemsintegration.com

01010010
101011010100
1010111
0101010101
01010010011
1010101001010
0010010
1010101010
011101010
10010

01000010
10000
1010111
010100110101
01010011
1010101001010
0010010
1010101010
011101010
10110010

Invitation SSI 2014

Worldwide, research and innovation programmes focus on turning scientific breakthroughs into innovative products and services that provide business opportunities and improve people's lives. Horizon 2020 sets out three strategic policy objectives – raising and spreading the levels of excellence in the research base, tackling major societal challenges and maximising competitive impacts of research and innovation. This supports innovative enterprises to develop viable products with real commercial potential.

Smart systems do not only hold an enormous potential for a wide range of applications, they are also enabled by many technologies and act as enablers for many future technologies. For that reason, they are crucial for the competitiveness of companies and entire industry sectors like transport and mobility, health, manufacturing/factory automation, communication, energy, aerospace as well as environment.

Smart Systems Integration Conference 2014 addresses innovative smart systems, their manufacturing technologies as well as the international research work on smart technologies and smart materials. Special attention is paid to integration issues in order to guarantee reliability, safety and security of the systems. For the first time, software for smart integrated systems is addressed. This includes embedded software as well as stand-alone application software.

On behalf of the committee, the co-chair – Dr. G. Lugert of Siemens AG and chairman of EPoSS Executive Committee – and the local co-chairs from Austria – Dr. M. Riestler (maris TechCon), Prof. W. Pribyl (Joanneum Research and Graz University of Technology), Prof. U. Schmid (Vienna University of Technology), Prof. J. Nicolics, (Vienna University of Technology) and Dr. I. Hochmair (MED-EL Medical Electronics) – I'm looking forward to receive your application-oriented and/or scientific submission.

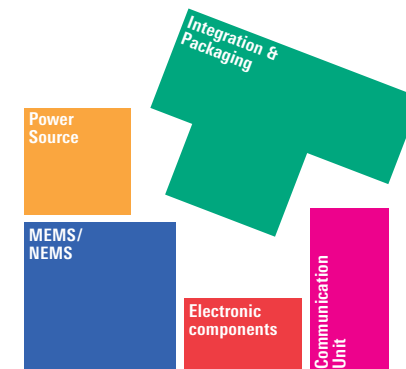
Prof. Dr. Thomas Gessner
Fraunhofer Institute for Electronic Nano Systems
Conference chair Smart Systems Integration 2014

Conference topics 2014

- 1. Applications**
 - 1.1. Smart mobility
 - 1.2. Smart medtech systems for diagnostics and therapeutics, implants and health management
 - 1.3. Smart power, smart grid and smart networks
 - 1.4. Smart city, smart home and smart me
 - 1.5. Learning smart systems – advanced autonomous systems and robotics
- 2. Hardware/Technologies**
 - 2.1. Design of smart integrated systems
 - 2.2. Micro and nano systems/embedded systems
 - 2.3. Advanced micro and nano technologies
 - 2.4. New materials, nano structures and devices
 - 2.5. Roll to Roll technologies and printed functionalities
 - 2.6. Test and reliability of components and systems
 - 2.7. Manufacturing of smart systems
- 3. Software for smart integrated systems**
 - 3.1. Embedded software
 - 3.2. Stand-alone application software
- 4. Integration**
 - 4.1. 3D integration and interconnect technologies
 - 4.2. System integration and packaging

Smart Systems Integration International Conference and Exhibition

- Focus on complex systems
- Application-oriented
- Close to industry
- Showcase of the potential of research and development activities worldwide



Become a speaker!

Highlight your expertise
at the SSI conference!

Your advantages at a glance

- Present in front of a highly qualified audience.
- Exchange your experiences with other experts.
- Meet policy makers.
- Build 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/ best poster award.
- Explore the newest highlights at the concurrent exhibition.

Deadlines

Submission of abstracts

15 October 2013

Selection by committee

25 November 2013

Submission of full manuscripts

19 January 2014

Online submission at

www.smartsystemsintegration.com



Contact for further details

Mesago Messe Frankfurt GmbH
Rotebuehlstrasse 83–85, 70178 Stuttgart, Germany
Ms. Stephanie Armbruster
Phone: +49 711 61946-16, Fax: -1116
E-Mail: stephanie.armbruster@mesago.com
Board of Management
Johann Thoma (Chairman), Petra Haarburger
HRB 13344

Co-organizer:



Part of the activities of:



mesago
Messe Frankfurt Group

Committee members

Conference chair

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

Co-chair

Dr. G. Lugert, Siemens, EPoSS, DE

Local co-chair

Prof. J. Nicolics, Vienna University of Technology, AT

Prof. Dr. W. Pribyl, Joanneum Research, AT

Dr. M. Riestler, maris TechCon, AT

Prof. Dr. U. Schmid, Vienna University of Technology, AT

Dr. I. Hochmair, MED-EL Medical Electronics, AT

Scientific committee

R. Aschenbrenner, Fraunhofer IZM, DE

Prof. Dr. K. Bock, Fraunhofer EMFT, DE

Dr. S. Brongersma, Holst Centre, IMEC, NL

Prof. Dr. C. Cané, Centro Nacional de Microelectrónica (CNM-IMB), ES

B. Courtois, TIMA-CMP, FR

Prof. J. De Boeck, Holst Centre, IMEC, NL

Prof. Dr. N. F. de Rooij, EPFL, CH

Dr. S. Finkbeiner, Bosch Sensortec, DE

Prof. Dr. P. J. French, Delft University of Technology, NL

W. Gessner, VDI/VDE-IT, DE

J. Greer, Tyndall National Institute, IE

Dr. R. Günzler, HSG IMIT, DE

Dr. C. Hedayat, Fraunhofer ENAS, DE

H. Heinzelmann, CSEM, CH

Prof. Dr. C. Hierold, ETH, CH

Dr. K. Hiller, Chemnitz University of Technology, DE

D. Holden, CEA-LETI, FR

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

J.-L. Maté, EURIPIDES, FR

Dr. C. Merveille, IKERLAN, ES

Prof. Dr. B. Michel, Fraunhofer ENAS, DE

Dr. J. Mohr, Karlsruhe Institute of Technology, DE

Prof. Dr. W. Mokwa, RWTH Aachen, DE

Dr. A. Muller, IMT, RO

A. Nebeling, Elmos, DE

Prof. H.-E. Nilsson, Mid Sweden University, SE

Dr. E. Ochoteco, CIDETEC, ES

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

Prof. Dr. H. Pereira Neves, Six Semiconductors, BR

Dr. A. Perret, CSEM, CH

Dr. I. V. Popova, Gyrooptics, RU

G. Poupon, CEA-LETI, FR

Dr. G. Righini, Istituto di Fisica Applicata Nello Carrara Firenze, IT

V. Rouet, EADS France – Innovation Works, FR

Prof. A. Rydberg, University of Uppsala, SP

Dr. S. Rzepka, Fraunhofer ENAS, DE

Prof. Dr. W. Sansen, Katholieke Universiteit Leuven, BE

Dr. M. Scholles, Fraunhofer IPMS, DE

U. Schwarz, X-FAB, DE

Dr. W. Smetana, Vienna University of Technology, AT

T. Stärz, microFAB, DE

Dr. N. Thyssen, Infineon, DE

Prof. J. Tuovinen, VTT, CEA-LETI, FI

Dr. M. van der Beek, Philips Research, NL

Dr. A. van Geelen, EPCOS Netherlands, NL

Prof. Dr. C. van Hoof, IMEC, BE

J. Wolf, Fraunhofer IZM, DE

Prof. Dr. R. Zengerle, IMTEK, DE

Advisory committee

International members

Prof. Dr. M. Esashi, Tohoku University, JP

J. Fjelstad, Verdant Electronics, US

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

K. Lightman, MEMS Industry Group, US

Prof. Z. Zhou, Tsinghua University Beijing, CN

Members of EPoSS advisory committee

Dr. A. Bassi, Hitachi, FR

B. Candaele, Thales, FR

S. Coffa, STMicroelectronics, IT

S. Dunne, Starlab, ES

R. Groppo, Ideas & Motion, IT

K. Hofmann, Continental Automotive, DE

H. Laatikainen, Murata Electronics, FI

F. Mullany, Alcatel-Lucent, IE

Dr. R. Neul, Bosch, DE

A. Nguyen-Dinh, Vermon, FR

P. Perlo, Interactive Fully Electrical Vehicle, IT

A. Ripart, Sorin Group, FR

M. van Helvoort, Philips, NL

Submission requirements

Conference language

English

Submission no later than 15 October 2013

at www.smartsystemsintegration.com

Conditions of acceptance

Authors are expected to secure the registration fee of 295 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 by 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.

Venue

Following Paris, Barcelona, Brussels, Como, Dresden, Zurich and Amsterdam, the 2014 event will be held in Vienna, Austria. The Austria Trend Hotel Savoyen Vienna is located in the heart of the diplomatic district of Vienna, close to historic downtown as well as nearby the magnificent park grounds of Belvedere Palace. It is ideally situated only 15 minutes from Vienna Airport and within walking distance of public transportation. Vienna has excellent flight and railway connections. For more information visit: www.austria-trend.at

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.

Impressions of SSI 2013

Exhibition and conference in Amsterdam, the Netherlands

