Proceedings

Proceedings will be published for the conference in Procedia Technology. Selected authors will be asked to submit an extended manuscript in a Special Issue "Intelligent Systems" of the Elsevier Journal Mechatronics.

Important Dates

1st September 2013:
Symposia Proposal Submission

6th December 2013 Deadline Extended:
Abstract Submissions

20th December 2013:
Notification of Abstract Acceptance

1st February 2014:
Full Paper Submissions

15th March 2014:
Reviewer Feedback Full Paper

15th April 2014:
Final Paper Submisson

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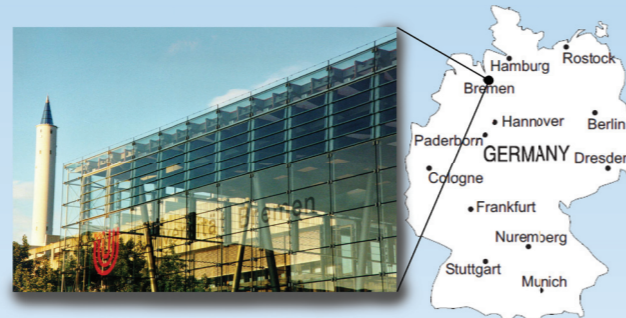
INVENTED IN GERMANY

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Venue

The 2nd International Conference on System-Integrated Intelligence: New Challenges for Product and Production Engineering will be held in Bremen (Germany) at the ATLANTIC HOTEL from July 2nd – 4th, 2014.

Bremen is a commercially accomplished and dynamic port, trading and business metropolis. Moreover, the Hanseatic city is a place of learning and knowledge and simultaneously the cultural centre of an entire region. In other words, a city bursting with life. You are cordially invited to come and spend a marvellous time in Bremen Region.

ATLANTIC Hotel Universum
Wiener Strasse 4
28359 Bremen, Germany

Registration (Fax: +49 (0) 421 5665-499)

for the "2nd International Conference on System-Integrated Intelligence: New Challenges for Product and Production Engineering" on July 2nd - 4th 2014, Bremen, Germany

Title   First Name   Last Name

Organization

Adress   City

Phone   Fax

Email

Above listed data is taken over into the participant list which is handed over to every conference participant. I hereby confirm my participation in the seminar. Please send me an invoice about the registration fee. (Please use only one registration form per participant)

Date   Signature

Please send this filled form to the following adress by post or fax!

Conference Office

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ISIS Sensorial Materials
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28359 Bremen, Germany
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Email: info@sysint-conference.org

Registration Fees

Delegate, 3 days 490,- €
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Delegate, 3 days 590,- €

For online registration please visit
www.sysint-conference.org

SysInt

Call for Papers

2nd International Conference on System-Integrated Intelligence: New Challenges for Product and Production Engineering

July 2nd – 4th 2014
Bremen, Germany

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Conference Scope

The conference provides a forum for academia and industry to present their latest research findings, innovations and practises in the field of system-integrated intelligence. It focuses on the integration of advanced functional capabilities into materials, systems, parts and products as an enabling technology for established application scenarios as well as new products and services. The perspective is highly interdisciplinary. The technological basis extends from new sensor technologies via material-integrated sensing and intelligence to aspects of communication and data evaluation. It includes the implementation of such approaches in autonomous decision-making, self-optimization and control in advanced engineering products and systems. The conference further addresses wider fields of research, such as materials science and engineering, microsystems technology, mechatronic systems and production engineering as well as electronics and computer science. Specific application environments in the field of robotics, structural health monitoring, production and logistics will be highlighted in the programme through definition of dedicated symposia. Studies on implementation of system-integrated intelligence in additional scenarios beyond this scope are highly welcome.

Individual topics of interest include, but are not limited to:

• Methods and Algorithms: Agent-based systems, machine learning and biologically-inspired methods for optimization and planning
• Self-Optimization and Autonomous Control: Design, reliability, modelling and validation
• Sensorial Materials, material-integrated sensing and intelligence
• Advanced Applications of Autonomous Objects and Systems
• Human-Machine-Interaction: Visualization and transparency
• Gentelligent Production
• Cyber-Physical Systems in Production and Logistics
• Perceptive Robotics
• Structural Health Monitoring

Organizing Bodies

• CRC 653 - Gentelligent Components in Their Lifecycle,
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  www.sfb653.uni-hannover.de

• it's OWL - Intelligent Technical Systems OstWestfalenLippe,
  www.its-owl.de

• ISIS Sensorial Materials Scientific Centre, University of Bremen,
  www.isis.uni-bremen.de

• LogDynamics - Bremen Research Cluster for Dynamics in Logistics,
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Collaborate Research Centre 653
Gentelligent Components in Their Lifecycle

LogDynamics

The Technology-Network:
Intelligent Technical Systems OstWestfalenLippe, Germany

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SENSORIAL MATERIALS

Submissions

Abstracts and Full Paper

Abstracts and Full Paper submitted to the conference must contain original research. Abstracts should not exceed 500 words and Full Paper not 6 pages. Simultaneous submission to other conferences with proceedings or submission of material that has already been published elsewhere is not allowed.

Please visit the conference website for submission details and autor information:

www.sysint-conference.org/submissions.html

Embedded Symposia

Embedded Symposia form an integral part of the conference. They consist of a defined number of papers addressing one specific topic at increased depth allowing sufficient time for discussion and networking. We explicitly encourage suggestions for symposia. The organizers of a symposium will recruit speakers and papers and manage their sessions. Furthermore workshops and tutorials presenting original research can be proposed.

Please visit the conference website for submission details for symposia, workshops and tutorials:

www.sysint-conference.org/satelliteevents.html

Organisation

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