

# ERCIM



# NEWS

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Special theme:

# Image Understanding

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Cor Baayen Award

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SECCRIT: Secure Cloud Computing  
for High Assurance Services

*ERCIM News is the magazine of ERCIM. Published quarterly, it reports on joint actions of the ERCIM partners, and aims to reflect the contribution made by ERCIM to the European Community in Information Technology and Applied Mathematics. Through short articles and news items, it provides a forum for the exchange of information between the institutes and also with the wider scientific community. This issue has a circulation of about 8,500 copies.*

ERCIM News is published by ERCIM EEIG  
BP 93, F-06902 Sophia Antipolis Cedex, France  
Tel: +33 4 9238 5010, E-mail: [contact@ercim.eu](mailto:contact@ercim.eu)  
Director: Jérôme Chailloux  
ISSN 0926-4981

#### Editorial Board:

Central editor:

Peter Kunz, ERCIM office ([peter.kunz@ercim.eu](mailto:peter.kunz@ercim.eu))

Local Editors:

Austria: Erwin Schoitsch, ([erwin.schoitsch@ait.ac.at](mailto:erwin.schoitsch@ait.ac.at))

Belgium: Benoît Michel ([benoit.michel@uclouvain.be](mailto:benoit.michel@uclouvain.be))

Cyprus: Ioannis Krikidis ([krikidis.ioannis@ucy.ac.cy](mailto:krikidis.ioannis@ucy.ac.cy))

Czech Republic: Michal Haindl ([haindl@utia.cas.cz](mailto:haindl@utia.cas.cz))

France: Thierry Priol ([thierry.priol@inria.fr](mailto:thierry.priol@inria.fr))

Germany: Michael Krapp ([michael.krapp@scai.fraunhofer.de](mailto:michael.krapp@scai.fraunhofer.de))

Greece: Eleni Orphanoudakis ([eleni@ics.forth.gr](mailto:eleni@ics.forth.gr)),

Artemios Voyiatzis ([bogart@isi.gr](mailto:bogart@isi.gr))

Hungary: Erzsébet Csuhaaj-Varjú ([csuhaj@inf.elte.hu](mailto:csuhaj@inf.elte.hu))

Italy: Carol Peters ([carol.peters@isti.cnr.it](mailto:carol.peters@isti.cnr.it))

Luxembourg: Thomas Tamisier ([tamisier@lippmann.lu](mailto:tamisier@lippmann.lu))

Norway: Truls Gjestland ([truls.gjestland@ime.ntnu.no](mailto:truls.gjestland@ime.ntnu.no))

Poland: Hung Son Nguyen ([son@mimuw.edu.pl](mailto:son@mimuw.edu.pl))

Portugal: Joaquim Jorge ([jorgej@ist.utl.pt](mailto:jorgej@ist.utl.pt))

Spain: Silvia Abrahão ([sabrahao@dsic.upv.es](mailto:sabrahao@dsic.upv.es))

Sweden: Kersti Hedman ([kersti@sics.se](mailto:kersti@sics.se))

Switzerland: Harry Rudin ([hrudin@smile.ch](mailto:hrudin@smile.ch))

The Netherlands: Annette Kik ([Annette.Kik@cwi.nl](mailto:Annette.Kik@cwi.nl))

W3C: Marie-Claire Forgue ([mcf@w3.org](mailto:mcf@w3.org))

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The special theme section “Image Understanding” has been coordinated by Michal Haindl, Institute of Information Theory and Automation, Academy of Sciences of the Czech Republic, and Josef Kittler, University of Surrey, UK

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## EvAAL Evaluation Workshop

by Francesco Potortì

*For the third consecutive year, the EvAAL competition gathered teams from all around the world to compare their systems in the participating living labs. EvAAL, a project embedded into the AALOA association, was led by the Institute of Information and Technologies (ISTI) of CNR (Pisa, IT) and was mostly financed by the universAAL FP7 project.*



*EvAAL 2013 awards ceremony at the AAL Forum*

EvAAL, which stands for Evaluating AAL Systems through Competitive Benchmarking, aims at establishing benchmarks and evaluation metrics to compare Ambient Assisted Living solutions and assess advances in the field.

During the competitions, data were collected in realistic environments, the living labs: the data sets, which are publicly available, can be used by researcher communities as an aid for the simulation and test of their solutions.

This year, the competition was composed of two tracks, a demo, and a final workshop:

- Competition on Indoor Localization and Tracking for AAL held on 1-5 July 2013 at the Living Lab of the Polytechnic University of Madrid
- Competition on Activity Recognition for AAL, held on 8-12 July 2013 at the CIAMi Living Lab in Valencia
- Demo on Companion Robots for AAL, held on 30 July 2013 at Domo-Casa Lab in Pisa
- EvAAL workshop, held as a side event of the AAL Forum in September 2013, in Norrköping.

**More information:**  
<http://evaal.aaloo.org>

## Joint ERCIM, ARTEMIS, Euromirco Workshops

by Erwin Schoitsch

### SEAA 2013

A special workshop session on Teaching, Education and Training for Dependable Embedded and Cyber-physical Systems was held in cooperation with the ERCIM Dependable Embedded Systems Working Group at the 39th Euromicro Conference on Software Engineering and Advanced Applications (SEAA 2013) Santander, Spain September 4-6, 2013. The workshop session was part of the regular session scheme of SEAA 2013. It included four presentations:

- “Efficient embedded systems education by adopting component based software development paradigm” by Sasikumar Punnekkat, Mälardalen University, Sweden
- “Reuse in Safety Critical Systems: Educational Use Case” by Miren Illarramendi Rezabal, Xabier Elkorbarrutia Letona and Leire Etxeberria, University of Mondragon, Spain
- “Teaching and Training Formal Methods for Safety Critical Systems” by Michael Lipaczewski and Frank Ortmeier, Otto von Guericke University, Magdeburg, Germany
- “European Perspectives on Teaching, Education and Training for Dependable Embedded and Cyber-physical Systems” by Erwin Schoitsch, AIT, Vienna, and Amund Skavhaug, NTNU, Norway.

The papers will be published in the conference proceedings published by IEEE.

### SAFECOMP 2013

An ERCIM/EWICS/ARTEMIS workshop on Dependable Embedded and Cyber-physical Systems (DECS) attracted 26 participants at the 32nd International Conference on Computer Safety, Reliability and Security (SAFECOMP 2013), Toulouse, France, 24 September 2013

After an introduction on “ERCIM, EWICS, ARTEMIS: Embedded Systems Safety, Security and European Strategy” followed a session with four papers on “Dependable Embedded Systems Applications”. One part of workshop was then dedicated to Robotics and Autonomous Systems,

mainly reporting from the ARTEMIS project “R3-COP” (Resilient Reasoning Robotic Co-operating Systems), with two sessions (four papers each). Another part of the workshop covered “Systems Safety Analysis and Fault Tolerance” with the presentation of three papers. Proceedings will be available electronically in the HAL Open Archives (<http://kwz.me/5q>).

### Links:

<http://seaa2013.ii.metu.edu.tr/>  
<http://kwz.me/0F>

### Please contact:

Erwin Schoitsch  
ERCIM DES WG Chair  
AIT Austrian Institute of Technology GmbH/AARIT  
E-mail: [Erwin.Schoitsch@ait.ac.at](mailto:Erwin.Schoitsch@ait.ac.at)

Call for Participation

## IEEE International Symposium on Signal Processing and Information Technology

Athens, 12-15 December 2013

The IEEE ISSPIT 2013 is the thirteenth in a series of international symposia aiming at the coverage of key aspects in the fields of signal processing and information technology.

Topics include:

- Signal processing theory and methods
- Signal processing for communications
- DSP architectures and implementation
- DSP for space applications/highly available architectures
- Multimedia signal processing
- Image and multidimensional signal processing
- Audio and electro acoustics
- Sensor array and multi-channel
- Speech processing
- Radar signal processing
- Neural networks
- Internet software architectures
- Multimedia and image-based systems
- Mobile computing and applications
- E-Commerce and pricing
- etc.

**More information:**  
<http://www.isspit.org/isspit/2013/>