



## CALL FOR PAPERS AND EXHIBITIONS

<http://www.erts2012.org>

<b>Organisers</b>	<b>General Chairs</b>
<ul style="list-style-type: none"> <li>• <b>3AF</b>, the Society for Aeronautics and Space</li> <li>• <b>SEE</b>, the Society for Electricity, Electronics, and Information and Communication Technologies</li> </ul>	Joseph Sifakis, VERIMAG Jean Botti, EADS
<b>Keynote speaker:</b> Alberto Sangiovanni-Vincentelli, UC Berkeley	

The ERTS<sup>2</sup> congress is a unique European cross sector event on Embedded Software and Systems, a platform for top-level scientists with representatives from universities, research centers and industries. The previous editions gathered more than 100 talks, 500 participants and 60 exhibitors.

ERTS<sup>2</sup> is both:

- a conference with high level scientific and technical presentations,
- an exhibition forum covering a wide range of innovative products and services, for improving direct relationship between providers and users,
- a unique community spirit: knowledge sharing, unforgettable moments and networking opportunities.

The late Jean-Claude Laprie was ERTS<sup>2</sup> Programme Committee chairman from 2002 to 2010 and brought ERTS<sup>2</sup> to its actual international reputation. We intend to carry on his work and the ERTS<sup>2</sup> spirit. Joseph Sifakis accepted to take over as Programme Committee chairman of the congress.

The sixth edition targets all the domains where embedded systems are crucial, especially, but not limited to, transportation (aeronautics, automotive, railway, subway, marine), satellite and space exploration, energy, telecommunications and wireless connectivity, e-healthcare, home automation, defence, industrial control.

### IMPORTANT DATES

Call for papers	Call for exhibitions
➤ Abstract submission (4 pages)    June 20 <sup>th</sup> , 2011	➤ Information and registration            March-Dec 2011
➤ Acceptance notification            Sept. 20 <sup>th</sup> , 2011	➤ Select your contact for meetings    Jan 16 <sup>th</sup> to 27 <sup>th</sup> , 2012
➤ Final paper (10 pages)            Dec. 10 <sup>th</sup> , 2011	➤ Exhibition and B to B meetings    Feb 1 <sup>st</sup> - 3 <sup>rd</sup> , 2012
➤ Conference                            Feb. 1 <sup>st</sup> -3 <sup>rd</sup> , 2012	

**Join ERTS<sup>2</sup> for high quality papers and for high quality audience!**

## CALL FOR PAPERS

Original, unpublished papers are solicited. Selection will be made based on extended abstracts of 4 pages. The conference encourages submission of research contribution, research - industrial transfer, industrial feedbacks on new technologies, position papers on major trends...

### Major topics of interest

- **Embedded computing platforms and network systems:** Distributed architectures, Multi-core/many core platforms, FPGA, Network embedded systems, Operating systems and executive services, Middleware, Virtualization, Services oriented platforms, Energy management, Innovative architectures...
- **Processes, methods and tools:** Requirement engineering, Model-based system engineering, Formal methods, Components and reusability, Languages and compilers, Parallelisation,...
- **Dependability:** Safety, Security, Quality of service, Fault tolerance, Maintainability, diagnostic, prognostic, Certification...
- **Human System Interactions**
- **Large systems:** Smart grids, smart buildings, Intelligent transportation systems,...
- **Societal aspects:** Innovative environments, Business models, Intelligent resource management,...

Submission guideline on the web site <http://www.erts2012.org>.

## CALL FOR EXHIBITIONS

The exhibition is the opportunity for companies to present their latest products; it will be combined with B to B meetings for improved direct relationship between exhibitors and contractors represented by R&D directors, technical directors and projects managers from all the industry sectors.

The exhibition and conference areas are situated under the same roof allowing attendees to visit booths during the symposium.

Exhibition contact: [erts2012@advbe.com](mailto:erts2012@advbe.com)

**ERTS<sup>2</sup> 2012 is supported by Airbus, Continental, Onera, CNES**



## COMMITTEES

<b>Programme Committee</b>	<p><b>Chair:</b> Joseph Sifakis (Verimag)</p> <p><i>Coordinators:</i> Jean-Paul Blanquart (EADS-Astrium), Marc Boyer (Onera), Denis Claraz (Continental Automotive), Claire Pagetti (Onera), Marie-Line Valentin (Airbus)</p> <p>Programme committee members are industrial and academic experts from 11 countries. The list is available on the website.</p>
<b>Support Committee</b>	<p><b>Chair:</b> Jean Botti (EADS)</p> <p><i>Coordinators:</i> Alain Chevalier (Airbus), Gerard Ladier (Aerospace Valley), Karama Kanoun (LAAS), Jean-Luc Maté (Continental Automotive), Louis-Claude Vrignaud (Continental Automotive), Christel Seguin (ONERA), Pascal Traverse (Airbus)</p> <p>Support committee members are industrial representatives from major companies interested in Embedded Systems (cf. web site).</p>
<b>Organising committee</b>	<p><b>Chairs:</b> Christel Seguin (SEE), Francis Guimera (3AF)</p> <p><i>Registration chairs :</i> Valérie Alidor – Nicolas Beau de (SEE)</p> <p><i>Local arrangements chair :</i> Alice Torgue (3AF)</p>
<b>Exhibition</b>	<p><b>Chair:</b> Xavier Sicard (ABE)</p>