

<http://www.erts2010.org>

OBJECTIVES

ERTS² is:

A unique European cross sector event on Embedded Software and System, A conference with high level scientific and technical presentations, and panel discussions, an exhibition covering a wide range of products and services in the field of embedded software and system, a unique platform for top-level scientists with representatives from universities, research centers, industries represented by directors, managers, department leaders, engineers and technicians, as well as journalists.

Characterized by the strong involvement of the main industrial companies (OEM's, system software services and tools suppliers, and many others) and the R&D Centers in Aeronautic, Aerospace, Automotive and Railways.

ERTS² is an unique community spirit: knowledge sharing, unforgettable moments and networking opportunities.

From ERTS 2008 to ERTS² 2010 event: a scope enlarged in two dimensions

System aspects will be explicitly addressed as many of topics flagged as "software" related would be better addressed with a broader system view. Embedded Systems are not limited to transports and ERTS² 2010 wants to recognize this in welcoming presentations and exhibitors coming from all the industry sectors involving Embedded Systems: Healthcare and home appliance, Energy management, Telecommunications including wireless connectivity, Industrial control, Defense.

An exhibitors forum is organized simultaneously for improving direct relationship and wide communication between providers and users of innovative commercial products and services.

COMMITTEES

Programme Committee

- Chairperson: Jean-Claude Laprie, LAAS-CNRS, France

Scientific Secretariat:

- Denis Claraz, Continental, France
- Marie-Line Valentin, Airbus, France

Programme Committee Members:

- Paul Arberet, CNES, France
- Philippe Baufreton, Hispano Suiza, France
- Jean-Paul Blanquart, Astrium Satellites, France
- Ion Bogand, Asachi Technical University, Romania
- Jean-Christophe Bonnet, CEAT, France
- Jens Braband, Siemens Transportation, Germany
- Duncan Brown, Rolls-Royce, UK
- Lionel Burgaud, Aeroconseil, France
- Agusti Canals, Communication et Systems, France
- Tom Clausen, EC
- Patrick Cormery, Astrium Space Transportation, France
- Werner Damm, Offis, Germany
- Werner Froehling, Volvo Technology, Sweden
- Jean-Max Gaubert, AREVA, France
- Pedro Gil, Technical University of Valencia, Spain
- Olivier Guetta, Renault, France
- Michael Haneberg, BMW AG, Germany
- Jörgen Hansson, SEI-CMU, USA
- Michael Harrison, University of Newcastle upon Tyne, UK
- Kelly Hayhurst, NASA, USA
- Eric Jenn, Thales, France
- Laurent Julliard, Minalogic, France
- Karama Kanoun, LAAS-CNRS, France

- Tim Kelly, University of York, UK
- Gerulf Kinkelin, PSA, France
- Chidung Lac, France Telecom R&D, France
- Gilles Le Calvez, Valeo, France
- Emmanuel Ledinet, Dassault Aviation, France
- Yves Ledru, LSR/IMAG, France
- Bruce Lewis, US Army, USA
- Dr. Kamel Maaziz, Delphi, France
- Zoubir Mammeri, IRTI-UPS, France
- Steve Miller, Rockwell-Collins, USA
- Christophe Moreno, Thales Alenia Space, France
- Gilles Motet, INSA, France
- Jürgen Mottok, Regensburg University of Applied Sciences
- Leo Motus, University of Estonia, Estonia
- Takashi Nanya, University of Tokyo, Japan
- Mircea Popa, Timisoara University, Romania
- Dominique Potier, Systematic
- Rafael Rodriguez, GTD, Spain
- Jean-François Rolland, Schneider Electric
- Bernhard Rumpel, TU Braunschweig
- Eckehard Schnieder, TU Braunschweig, Germany
- Christel Seguin, ONERA, France
- Thierry Seynaeve, ESG, France
- François Terrier, CEA LIST
- Didier Van Den Abeele, ALSTOM
- Frank Van Der Linden, Philips Healthcare
- Pierre Vielcanet, Consultant, France
- François Vernieres, Aerospace Valley, France
- Stefan Voget, Bosch, France
- Louis-Claude Vrignaud, Continental, France
- Patrick Zaccaria, Airbus, France

> Topics

> Architectures and Algorithms:

Networks, distributed and reconfigurable architectures, Seamless connectivity and ubiquitous computing, Timeliness, Real time operating systems and schedulability, Hardware components and platforms, Hardware/Software co-design, Energy and resource management.

> Languages, process, methods and tools:

Open source, open systems and software architectures, Model driven architecture and model driven engineering, Service-oriented architectures, Architecture description and domain specific, languages, System and software product lines, System formal development, Process integration and interoperability.

> Dependability, safety, security, quality of services:

Accidental faults and malicious attacks, Verification and validation, Resilience, Diagnosis and maintenance, Run-time assessment and adaptation, Product and process approaches, Certification and demonstration of dependability.

> Human role:

Interaction engineering, User-centered design, Real time sensing of environment and operators, Operational monitoring.

> Innovative environments and business models:

Open source and community source, Open source and certification, Open system software architecture, Intellectual property rights and open environments, Innovation in Auto coding and hardware in the Loop, Migration costs, Supply chain relationship: pricing and liability.

Contact

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