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Why “**Embedded Systems** “ ?

Embedded Systems are everywhere, built into cars, roads, railways, bridges and tunnels, into medical systems and surgical robots, into homes, offices and factories, into aircrafts and satellites, into mobile phones and even into our clothes : **our mode of life heavily depends on them !**

Annual growth of the embedded systems markets is **more than 10%**, and over **40 billion devices** are anticipated worldwide by **2020**.

Associated scientific, technical and industrial challenges are numerous, and need a dedicated congress: ERTS² 2012!

The ERTS² 2012 Congress in Toulouse will be a unique European cross sector event on Embedded Software and Systems

- A unique community spirit: knowledge sharing and networking opportunities.
- An exhibition forum covering a wide range of innovative products and services, for improving direct relationship between providers and users,
- High level scientific and technical presentations: a program committee including top level scientists and industrial representatives will have hard work to select the best from the **150+ papers proposals received for the 2012 session!**
- 3 World class keynotes speakers :
 - **Dr Klaus Grimm**: Director of Electric/Electronics and Software Technology Group Research and Advanced Engineering for Daimler AG and president of the **ARTEMIS** Industry Association
 - **Alberto Sangiovanni-Vincentelli** : holds the Edgar L. and Harold H. Buttner Chair of Electrical Engineering and Computer Sciences at the University of California at Berkeley. Co-founder of Cadence and Synopsys, the two leading companies in the area of Electronic Design Automation.
 - **Denis Chapuis**: commanded three submarines of the French Submarine Force, worked for PSA Peugeot Citroën as senior research manager before joining EADS as Vice President Research and Technology. He is especially in charge of the coordination of the EADS R&T efforts in the field of Sensors, Electronics and Signal Processing.



Last news:

June 23rd: First “Program Committee” plenary session

Chaired by **Joseph SIFAKIS¹**, the Program Committee examined the status of the “call for papers” process and progressed on the congress program definition.

Up to now, 150 abstracts+ have been received coming from 20 countries, and will now be reviewed by the program committee towards the final selection and notification to authors on September 30Th

Decision has been taken to postpone **until July 11th** the deadline to submit additional abstracts. Interested authors must inform erts2012@easychair.org as soon as possible, and then provide before July 11th, at the same address, all the information regarding their submissions (title, short abstract, extended abstract of minimum 2 pages, maximum 4 pages, character size 10, in English, “PDF” format, list of author(s) with names, affiliation, country and e-mail, indication of contact author(s), related conference topics and a list of keywords).

1Joseph Sifakis is CNRS Research Director and the founder of Verimag laboratory, in Grenoble, France.

In 2008, the Association for Computing Machinery has honored Edmund M. Clarke, E. Allen Emerson and **Joseph Sifakis** with the **2007 A.M. Turing Award**, widely considered as the most prestigious award in computing, for their original and continuing research in a quality assurance process known as Model Checking.

