

Foreword



Dear colleague,

We proudly present to you DATE 2013. DATE combines the world's favorite electronic-systems design and test conference with an international exhibition for electronic design, automation and test, from system-level hardware and software implementation right down to integrated circuit design.

DATE 2013 received 1002 paper submissions; an all-time high for DATE and a 9% increase over DATE'12. 829 of those submissions were eligible for review. DATE being a European conference, the largest share (43%) of those submissions came from Europe. However, with 26% of submissions from North-America, 25% from Asia, and 6% from the rest of the world, DATE clearly demonstrates its global reach and impact.

For the 16th successive year DATE has prepared an exciting technical program, with the help of the 332-members strong Technical Program Committee, who dedicated their time to perform 3386 reviews (more than four per submission) and select 136 (=16.4%) "long", 70 (= 8.4%) "short", and 96 (= 11.6%) "interactive presentation" papers.

This year the conference is held in France, at the Alpexpo in Grenoble and spans an entire working week starting on Monday March 18 with tutorials, and ending on Friday March 22 with workshops.

The plenary keynote speakers on Tuesday are Benedetto Vigna, Executive VP of ST Microelectronics to talk about 'Smart Systems for Internet of Things', and Massoud Pedram, Professor at the University of Southern California, to talk about 'Creating a Sustainable Information and Communication Infrastructure'. On the same day, the Executive Track offers a series of business panels discussing hot topics in design. To emphasize that DATE is the major event for designers, DATE'13 features invited sessions where Europe's famous consumer industry presents its best designs and design practices.

The main conference program from Tuesday to Thursday includes 77 technical sessions organized in parallel tracks from four areas:

- D** – Design Methods, Tools, Algorithms and Languages
- A** – Application Design
- T** – Test and Reliability
- E** – Embedded Software

Extra tracks are dedicated to the Executive Day on Tuesday and the two special days: "High-Performance Low-Power Computing" Day on Wednesday and "Electronic Technologies for Smart Cities" Day on Thursday. There is a lunch-time keynote on Wednesday by John Goodacre of ARM, who will talk on 'Energy-Efficient Computing'. A second lunch-time keynote on Thursday by Francesco Profumo, Italian Minister of Education, University, and Research, and Genevieve Fiorasa, French Minister for Higher Education and Research will be on "Smart Cities and Communities at the Regional, National, and European Levels". Additionally, there are 96 Interactive Presentations which are organized into five IP sessions.

Finally, DATE offers a comprehensive overview of commercial design and verification tools in its exhibition including vendor seminars and abundant networking possibilities with fringe meetings.

We wish you a productive and exciting DATE'13 and a memorable social party on Wednesday evening.



DATE'13 General Chair
Enrico Macii
Politecnico di Torino, Italy



DATE'13 Program Chair
Erik Jan Marinissen
IMEC, Belgium