DATE08 Conference and Exhibition

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The world's premier event in electronic system design

DATE combines the world's favourite electronic systems design conference and Europe's leading international exhibition for electronic design, automation and test, from system level hardware and software implementation right down to integrated circuit design. The DATE 08 event features a technical program with 77 sessions covering the latest developments in system design and embedded software, IC design/test methodologies and EDA tools, together with an exhibition with the leading EDA, silicon and IP providers showing their new products and services. Challenges that you all face or soon will face in your daily practice are the increasing design complexity of highly integrated systems, the introduction of reconfigurability and embedded software, and the control of power and variability in nanometer IC designs. All these issues will be addressed in this year's DATE event.

Fig. 3.13: DATE08 will take place at Munich

For the 11th successive year DATE has prepared an exciting technical programme, with the help of the more than 400 members of the Technical Programme Committee, who dedicated their time to thoroughly review the 839 submissions in 37 topics, ranging from system level down to circuit design and covering all the most relevant application domains. With submissions coming from all five continents and more than forty countries, DATE has truly become an international conference. This year, the submissions are organised in 4 major areas:

» D – Design Methods, Tools, Algorithms and Languages
» A – Application's Design
» T – Test Methods, Tools and Innovative Experiences
» E – Embedded Software

After a thorough review and selection process, finally 198 regular papers were selected for presentation at the conference. Additionally, there are 46 Interactive Presentations that are organised in 5 IP sessions. Together with the invited special sessions (panels, embedded tutorials and hot topic sessions), this has resulted in a high-quality technical program. The technical program provides a wide but high-quality coverage of design, design automation and test topics, from the system level to the integrated circuit level. Compared with previous years, submissions in the Embedded Software track has increased by 50 %, showing a clear trend towards a comprehensive system design focus with integrated hardware and software solutions. DATE has established itself firmly as a true Electronic System Design Conference.

This year the conference is held in Germany, at the ICM in Munich. On Monday March 10, eleven pre-conference tutorials will be given. The three-full day tutorials cover topics of great interest for system design, including techniques to automatically realising embedded system from high-level functional models, issues related to communication based design and architectures in automotive electronic systems, and concepts on system-level design and application mapping for wireless and multimedia MPSoC architectures. Furthermore, eight half-day tutorials are also given, which cover a wide spectrum of topics on specification, modelling, design and test.

The main conference opens on Tuesday March 11, with two very interesting and complementary keynote speeches that will be of interest both for researchers and designers.