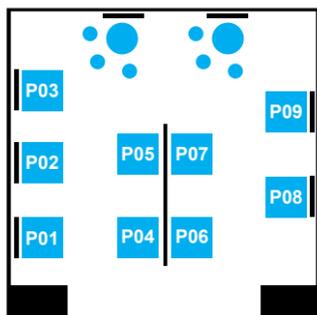
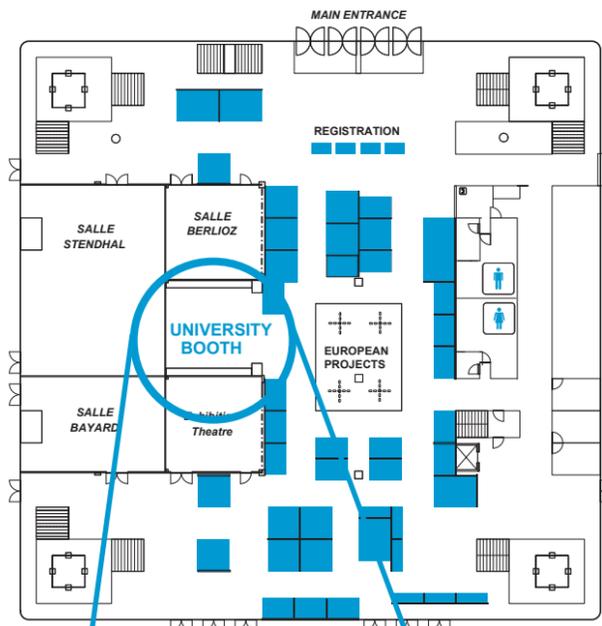


Booth University

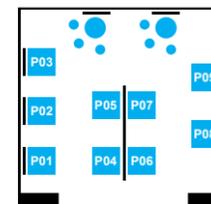
Organisation



Thursday March 12, 2015

EDA Prototypes	10:00 12:00 14:30 12:00 14:30 16:30 UB09 UB10 UB11
<p>P: Presenter A: Author</p> <p>The Ψ-chart Design Approach in TTool/DIPLODOCUS: a Framework for Hw/Sw Co-Design of Data-Dominated Systems-on-Chip P: Andrea Enrici A: Ludovic Aprville, Daniel Camara and Renaud Pacalet, Télécom ParisTech, FR</p> <p>ISP RAS Verification Tools: Integrated Approach to Hardware Verification at Unit and System Levels Based on Static and Dynamic Methods P: Andrei Tatarnikov A: Mikhail Chupilko, Alexander Kamkin, Artem Kotsyniyak and Sergey Smolov, Institute for System Programming of the Russian Academy of Sciences (ISP RAS), RU</p> <p>Workcraft: Framework for interpreted graphs P: Danil Sokolov, Newcastle University, GB</p>	<p>P07</p> <p>P04</p> <p>P08</p> <p>P04</p> <p>P06</p> <p>P08</p> <p>P06</p> <p>P07</p> <p>P01</p> <p>P06</p> <p>P03</p> <p>P06</p> <p>P09</p>
<p>Designing and evaluating resource management policies for heterogeneous system architectures P: Gianluca Durelli A: Cristiana Bolchini, Antonio Miele, Gabriele Pallotta, Marcello Pogliani and Marco Santambrogio, Politecnico di Milano, IT</p> <p>Where is it? Find the code you are interested in! P: Jan Malburg, University of Bremen, DE A: Görschwin Fey, U of Bremen / German Aerospace Center, DE</p> <p>Interactive Visualization of ESL Designs P: Jannis Stoppe, University of Bremen, DE A: Robert Wille and Rolf Drechsler, U of Bremen/DFKI GmbH, DE</p> <p>Real-time Multiprocessor compiler demo: Compiler for Real-Time Multiprocessor Systems with Shared Accelerators P: Marco Bekooij A: Guus Kuiper, Stefan Geuns, Philip Wilmanns, Joost Hausmans and Marco Bekooij, U of Twente, NL</p> <p>3D-COSTAR: Using 3D-COSTAR for 2.5D-/3D-SIC Cost Analysis P: Mottaqiallah Taouil¹ A: Mottaqiallah Taouil¹, Said Hamdioui¹ and Erik Jan Marinissen² ¹TU Delft, NL; ²IMEC, BE</p> <p>VDA-ADMF: An Agile Migration Framework for Analog Layout Design P: Po-Cheng Pan¹ A: Ching-Yu Chin¹, Hung-Ming Chen¹, Tung-Chieh Chen², Jou-Chun Lin² and Yi-Peng Weng³ ¹National Chiao Tung University, TW; ²Synopsys Co., Ltd., TW; ³Taiwan Semiconductor Manufacturing Company, TW</p> <p>FLaRE: A Reconfiguration Aware Floorplanner P: Riccardo Cattaneo A: Marco Rabozzi and Marco Santambrogio, Politecnico di Milano, IT</p> <p>Functional ECO: An efficient rewiring enhanced functional ECO P: Tak Kei Lam² A: Xing Wei¹, Yi Diao¹, Tak Kei Lam² and Yu-Liang Wu¹ ¹Easy-Logic Technology Limited, HK; ²The Chinese U of Hong Kong, HK</p> <p>The Bond Calculator P: Carl Christoph Jung² A: Christian Silber¹ and Juergen Scheible² ¹Robert Bosch GmbH, DE; ²Reutlingen U, DE</p>	

Hardware Design & Test Prototypes	10:00 12:00 14:30 12:00 14:30 16:30 UB09 UB10 UB11
<p>P: Presenter A: Author</p> <p>Linux on TSAR: Porting the Linux kernel to the TSAR manycore architecture P: César Fuguet Tortolero A: Joël Porquet and Alain Greiner, UPMC-LIP6, FR</p> <p>NetFPGA SUME: Making 100GBps a Commodity P: Noa Zilberman A: Yury Audzevich, Georgina Kalo-geridou and Andrew W. Moore, U of Cambridge, GB</p> <p>An FPGA lab-on-chip: An Analysis Tool and Framework for Advanced Measurements and Reliability Assessments on Modern Nanoscale FPGAs P: Petr Pfeifer, Technical U of Liberec, CZ</p> <p>Reconfigurable FPGA-based non-intrusive BERT for production test P: Sergei Odintsov A: Artjom Jasnetski, Tallinn U of Technology, EE</p> <p>Combination of WSN and 1st Order Kinetic Model for Real-Time Shelf-Life Prediction of Perishable Goods P: Valerio Francesco Annese A: Daniela De Venuto, Politecnico di Bari, IT</p> <p>CryptoChip: Demonstration of Cryptographic ASIC Prototype P: Xuan Thuy Ngo A: Xuan Thuy Ngo, Jean-Luc Danger, Sylvain Guilley, Tarik Graba, Yves Mathieu and Zakaria Najm, Télécom ParisTech, FR</p>	<p>P03</p> <p>P03</p> <p>P02</p> <p>P02</p> <p>P02</p> <p>P04</p> <p>P01</p> <p>P01</p> <p>P09</p> <p>P07</p>
<p>Designing Electronics for Medical Applications</p> <p>P: Presenter A: Author</p> <p>MAMMA: Speech Enhancement Demo exploiting MEMS Microphone Array for people with disabilities P: Luca Fanucci¹ A: Alessandro Palla¹, Luca Fanucci¹ and Roberto Sannino² ¹U of Pisa, IT; ²STMicroelectronics, IT</p> <p>Real-Time Pattern Detection of Movement Related Potentials by Synchronized EEG and EMG P: Valerio Francesco Annese A: Daniela De Venuto, Politecnico di Bari, IT</p>	<p>P09</p> <p>P05</p> <p>P05</p> <p>P05</p>



Booth University

University Booth at DATE 2015

DATE, the Design, Automation and Test Conference and Exhibition is the unique European event bringing together researchers, user and vendors as well as specialists in the design, test and manufacturing of electronic circuits and systems.

The University Booth is organized during DATE and will be located in the exhibition area. All demonstrations will take place from Tuesday, March 10 to Thursday, March 12, 2015 during DATE. Universities and public research institutes have been invited to submit hardware or software demonstrations.

The University Booth program is composed by 39 demonstrations from 14 different countries, presenting software and hardware solutions. The program is organized in 11 sessions of 2 or 2.5 h duration and will cover four major topics:

- Electronic Design Automation Prototypes
- Hardware Design and Test Prototypes
- Designing Electronics for the Internet of Things
- Designing Electronics for Medical Applications

DATE university booth welcomes you to booth 4 to find out more about the latest trends in software and hardware from the international research community.

Several demonstrators will be shown more than once, giving visitors more flexibility to come to booth 4 and find out about the latest innovations.

We are sure that the demonstrations will give an attractive supplement to the DATE conference program and exhibition. We would like to thank all contributors to this program.

More information can be found on the DATE web site, <http://www.date-conference.com/group/exhibition/u-booth>.

See you at the University Booth (Booth 4)!

Laurent Fesquet and Andreas Vörg (U Booth Chairs)

