

11th International System-on-Chip (SoC) Conference Scheduled at UC Irvine in October

Student Design Contest Submissions Open Through 31 September

IEEE Solid-State Circuits Society (SSCS)-Orange County (OC) Chapter Chair Farhad Mafie and SSCS Chapter Chair Jan van der Spiegel are among more than two dozen members of the technical advisory board of the 11th International System-on-Chip (SoC) Conference, Exhibit, and Workshops slated for 23–24 October at the University of California (UC), Irvine. Mafie will chair the conference, whose theme this year is Emerging Complex SoC Platforms, and Mixed-Signal SoC Design Challenges.

“The International SoC Conference brings together a very targeted and sophisticated audience from major technology companies and key universities for two exciting days devoted to groundbreaking technology and business disclosures on SoC and related techniques driving the ASIC/SoC/ASSP/FPGA/foundry industry,” he said. “These informative and practical events offer leading-edge information that attendees can put to use immediately in design and development, technology/business decision making, and much more.” The SoC conferences offer a unique combination of practical business technology discussions, breaking news, insightful and useful analyses, and nonstop networking opportunities, he said.

According to a conference Web site statement by advisory board member Michael Green, who chairs the electrical engineering and computer science hosting department at UC Irvine, “innovative and complex SoC solutions” have been and will continue to be crucial for meeting



“relentless and growing industry and market demands for smaller and smaller geometries, deep technology understanding, and strategic business engagements.” For designers of complex ICs and IPs, researchers, semiconductor and EDA technologists, analysts, and students across the world, the annual International SoC Conferences have been an outstanding forum, he said.

Job Fair on 23 October Open to the Public

The 11th iteration of the conference this October will include an IEEE-Orange County Section Tech Job Fair, which will be open to nonregistrants on Wednesday, 23 October, from 3 p.m. to 6 p.m., and a



Conference Chair Farhad Mafie at its tenth annual meeting in 2012.

table-top vendor exhibit, also open to nonregistrants who obtain an exhibit pass, on the same day from 3 p.m. to 8 p.m.

Student Design Contest Abstracts Due By 1 October

The student design contest jointly sponsored by the IEEE-OC Section and the SSCS-OC Chapter aims to promote excellence in engineering and computer science-related designs within an academic environment and to provide a forum in which undergraduate/graduate



Winners of the 2012 SoC student design contest. From left, Farhad Mafie (IEEE-OC SSCS chair man), Dr. John Collins (IEEE OC Section chair, contest judge), Russell Hunter (IEEE OC Section vice chairman, contest judge), Prof. David Cheng (CSU Fullerton, contest judge), Jorge Alejandro Chumbipuma (third prize, UCI), Hong San Wong (second prize, UCI), Mohammadi Yaghni and Ashkan Eghbal (shared first prize, team UCI), David Tyler (shared first prize winner, Chapman University), Prof. Peiyi Zhao (Chapman University, contest judge), Anthony Young, and Ryan Burns (Chapman University).

engineering and computer science students' ingenuity can be shared with an audience of academic/ industrial technical experts.

Students must submit abstracts by Tuesday, 1 October, to SoC@SoC-conference.com. More information

can be found at <http://www.socconference.com/>.

Questions regarding the 11th International System-on-Chip (SoC) Conference, Exhibit, and Workshops may be directed to SoC@SoCconference.com or +1 949 851 1714.

Programs are scheduled to be available by the end of August.

Join the conference mailing list at http://www.socconference.com/ mailing_list.php. Don't miss out!

—Compiled by Katherine Olstein

30th Anniversary of VLSI-TSA and VLSI-DAT Celebrated in April

Plenary and Special Session Stars Dazzle Joint Conference

VLSI-TSA and VLSI-DAT are proud to have nurtured the upsurge of the semiconductor industry in Taiwan and the rise of the semiconductor foundry that has transformed the electronics industry. The twin conferences are technically cosponsored by the Taipei and Tainan Chapters of the IEEE Solid-State Circuits Society and organized by the Industrial Technology Research Institute (ITRI) of Taiwan.

To begin the three-day overlapping agenda that celebrated the VLSI-TSA/DAT 30th anniversary, on 22–24 April 2013 at the Ambassador Hotel in Hsinchu, Taiwan, two joint special-topic sessions continued the conference tradition of being a forum for interaction between the design and technology communities.

Session 1: 4G Communications and Beyond

With mobile devices a driving force of worldwide industry growth, the “4G Communications and Beyond”

Digital Object Identifier 10.1109/MSSC.2013.2264907
Date of publication: 16 August 2013



VLSI-TSA General Chair Charles Cheung opening the 30th anniversary meeting of VLSI-TSA/DAT.



2013 VLSI-DAT Technical Program Committee PC Cochair Li-C. Wang was a “Reliability” special session master of ceremonies.



VLSI-TSA/DAT keynote speaker Vida Ilderem speaking on M2M challenges and opportunities.



Diego Olego delivering one of two joint VLSI-TSA/DAT keynote talks.

special session explored mobile communication, from technology through design to system integration. The five invited speakers were Per

Ljunberg from Europe (ST-Ericsson), James P. Young and Rodd Novak from the United States (Skyworks Solutions and Peregrine Semiconductor,



Former and current VLSI-TSA/DAT conference chairs toasting its 30th anniversary.