



14th International Symposium on Quality Electronic Design (ISQED) Announces Program, Focus on Innovation & Quality in Electronic Design

March 4 - March 6, 2013, TechMart, Santa Clara, California

SANTA CLARA, Calif. –22 January, 2013 –The 14th annual [International Symposium on Quality Electronic Design](#) (ISQED), the premier electronic design quality conference, announced its [2013 program](#) consisting of talks by experts that cover multiple topics related to electronic design and semiconductor technology. The speakers and attendees include designers, users, and providers of integrated circuits (IC) and systems, semiconductor packaging, assembly and test technology, as well as Electronic Design Automation (EDA) tools.

[ISQED](#) convenes Monday, March 4 through Wednesday, March 6, 2013 at TechMart, Santa Clara. The event includes free admission to select presentations and exhibits. To register, please visit www.isqed.org.

Conference Highlights

[ISQED](#) features 22 technical sessions with close to one hundred papers, as well as keynotes, tutorials, workshops and exhibits, all with a focus on the latest innovations and developments in electronic design and manufacturing.

Keynote Speeches

- **The changing device technology**
Chenming Hu, TSMC Distinguished Professor of Graduate School – University of California, Berkeley
- **Smarter computing for smarter planet**
Brad L Brech, Member of the IBM Academy of Technology – IBM
- **System Level Perspective on Semiconductors for Intelligent Networks**
Bill Swift, Vice President of Engineering - Cisco Systems
- **Trends in Analog/ Mixed-Signal Design Tools**
Ed Petrus, Director of Custom Architecture, DSM division - Mentor Graphics
- **Physical Aware, High Capacity RTL Synthesis for Advanced Nanometer Designs**
Sanjiv Taneja, Vice President, Encounter Test - Cadence Design Systems

Tutorials

- **IC Technology at New Nodes Made Easy**
Dr. Alvin Loke – Advanced Micro Devices
- **Physical Design Considerations for Silicon Nanophotonic Circuits**
Dr. Ron Ho – Oracle
- **Design of 3D ICs: From Concept to Practice**
Prof. Sung Kyu Lim – Georgia Tech

- **Computer Architecture Design Utilizing Novel Memories**
Prof. Engin Ipek – University of Rochester
- **Hardware Security and Implications on Design Flows**
Prof. Ozgur Sinanoglu – NYU
- **Holistic Power Management: The Future of Handhelds and other Low Power Devices**
Dr. Vinod Viswanath – Real Intent, *Rajeev D. Muralidhar & Hari Seshadri* – Intel

Sponsors/Exhibits

ISQED sponsors include industry leaders: IBM, Synopsys, Innovatek, Mentor Graphics, and Silicon Valley Polytechnic Institute. For exhibit information, please click here.

Co-Located Events

- [Interdisciplinary Engineering Education Conference \(IEDEC\)](#)
- [Sensors Technology, Design, and Applications Conference \(SensorsCon\)](#)

About ISQED

The [International Symposium on Quality Electronic Design](#) (ISQED) accelerates cooperation among the electronic circuit and system design, semiconductor technology, Electronic Design Automation (EDA) and electronic manufacturing communities.

[ISQED](#) is organized by [International Society for Quality Electronic Design](#).

For more information, please visit www.isqed.org.

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Editorial Contact:

Georgia Marszalek, ValleyPR LLC, Georgia@ValleyPR.com, +1 650-345-7477

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