



IEEE Council on Electronic Design Automation

Highlights from WIE ILC 2016

The 2016 IEEE Women in Engineering International Leadership Conference (WIE ILC) was held 23-24 May 2016 in San Jose, California, with the goal of bringing together women in technology from both industry and academia.

The event was very well attended. There were more than 700 attendees, 100 speakers, and over 20 companies exhibiting from 45 countries around the world.

The sessions at the event had a balanced mix of emerging-technology talks and leadership talks. The emerging-technology talks were mostly presented by young, enthusiastic engineers. The leadership talks were primarily presented by project managers and executive leaders from top technology industries.

WIE ILC 2016 was an inspiring event, especially for women early in their careers, who were able to hear distinguished women speakers with outstanding technical leadership roles in top technology industries such as Cisco, Intel, Amazon, and Ericsson.

By sharing their own stories in their career paths, these leaders highlighted that the keys to success are teamwork and the willingness to take risks. There was also a consensus that women need to reach out to one another and mentor each other in order to sustain their careers.

There was a concerted effort at WIE ILC 2016 to emphasize how gender diversity, and diversity in general, leads to innovation and success. Although an increasing number of women are in leadership roles in technology industries, we know that there is still a long way to go before gender equality will be reached in leadership roles. However, we are making progress. Examples include Intel's commitment

to having full representation of women and minorities and VMWare's VMwomen initiative to promote gender-balanced leadership and to create an inclusive working culture.

IEEE CEDA is also committed to promoting gender diversity in the EDA community. CEDA sponsored three women to attend WIE ILC this year. The awardees were Eli Bozorgzadeh (CEDA executive committee member), Noor Ain Kamsani (Universiti Putra Malaysia), and Ramalatha Marimuthu (Kumaraguru College of Technology, India).

"I was there to look for a golden recipe on making work-life balance while climbing up the leadership ladders," said Noor Ain Kamsani. "Like many women I've met during the event, and even Aicha Evans mentioned in her talk ..., there is no such thing as life-work balance. All depends on your priorities at that moment of time and instincts [as to] when to move on to the next career," she said.

"The percentage of women reaching the top is minimal in almost all countries in the world," said Ramalatha Marimuthu, who was a panelist in the session called "Women in STEM: An International Perspective."

"This needs a major revamp in the policies concerning women education and employment," Marimuthu continued. "In addition, the mindset of women needs to be changed to accommodate networking as an important part of their career."

WIE ILC 2017 will be held 22-23 May 2017 in San Jose. For more information, please visit the event website at <http://ieeewie-ilc.org>.

CEDA encourages women and professionals from under-represented groups in the design automation community to participate in such events in the

future and to apply for CEDA travel grant awards. Please visit the [CEDA website](#) or contact CEDA executive committee members for more details.

IEEE Design & Test Is Adding Color and Going Mobile!

It is our pleasure to inform you that *IEEE Design & Test (D&T)* magazine will appear in upgraded print and electronic formats starting in 2017:

- The print version will move from grayscale to color.
- The electronic version will be complemented with a digital-screen version through Qmags. (<http://www.qmags.com>.) This means you will be able to view *D&T* on smartphones, notebooks, and other computer screens—just as if you had the printed version in your hands!

These features will be available to all personal subscribers of *IEEE Design & Test*. Apart from a regular and moderate price adaptation, subscribers will not be charged for these new features.

Please consider adding a personal subscription to *IEEE Design & Test* when you renew your IEEE membership for 2017. Remember, the print version of *D&T* will be in color, and the electronic version will be complemented with a digital-screen version. You will receive instructions on how to access the digital-screen version once you subscribe.

Papers in IEEE Embedded Systems Letters

The top-five accessed articles from *IEEE Embedded Systems Letters* in July 2016 were as follows:

- "[Motion Noise Cancellation in Heartbeat Sensing Using Accelerometer and Adaptive Filter](#)," by S. Ardalan, S. Moghadami, and S. Jaafari.
- "[Energy Efficient Outdoor Light Monitoring and Control Architecture Using Embedded System](#)," by Z. Kaleem, T.M. Yoon, and C. Lee
- "[A Compact Portable Microwave Life-Detection Device for Finding Survivors](#)," by F. JalaliBidgoli, S. Moghadami, and S. Ardalan
- "[Wearable Camera- and Accelerometer-Based Fall Detection on Portable Devices](#)," by K. Ozcan and S. Velipasalar
- "[Adaptive Energy-Oriented Multitask Allocation in Smart Camera Networks](#)," by C. Kyrkou et al.

Upcoming Conferences (Yao-Wen Chang, ywchang@ntu.edu.tw)	
ASP-DAC	Tokyo, Japan, 16-19 January 2017
DATE	Lausanne, Switzerland, 27-31 March 2017
WIE ILC	San Jose, California, 22-23 May 2017

Find us online at <http://ieee-ceda.org>.



IEEE Embedded Systems Letters is open for submissions. Visit mc.manuscriptcentral.com/les-ieee.

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