IEEE Council on Electronic Design Automation

Distinguished Lecturer Program Summary Report

Please return completed summary report to the CEDA DLP Coordinator, Tsung-Yi Ho (tyho@cs.nthu.edu.tw).

Organizer	**Sponsoring Chapter**
Name: _ Marvin Chang __ Affiliation: _National Tsing Hua University_ Email address: mfchang@ee.nthu.edu.tw	Chapter Name: _IEEE CEDA, Taipei_ Chapter Chair: _Iris Hui-Ru Jiang_ Email address: _huiru.jiang@gmail.com_

Event

Lecturer name: __Prof. Edith Beigne (CEA-LETI) _____

Lecture topic: _ The Future of Low Power Circuits and Embedded Intelligence : Emerging Devices and New Design Paradigms_____

Location of event: _Room 216, Delta Building, National Tsing Hua University__

Date of event: __13 Aug. 2018_____

Approximate attendance: __40 persons (professors, students)__

If co-organized by other IEEE OU, specify here *(OU and name / contact information of Chair)*: ___Nil._____

Feedback

Did the chapter find these slides useful? Yes
Was the technical content of the lecture(s) valuable? Yes
Was the length of the overall lecture(s) adequate? Yes
Did the audience seem responsive to the overall lecture(s)? Yes
After the lecture(s), was the lecturer available to answer any questions/comments? Yes

Please provide any additional comments regarding this DL event.

In the morning of Aug. 13, 2018, Prof. Beigne delivered a lecture under the support of IEEE CEDA distinguished lecturer program. After the lecture, attending professors have a joint lunch meeting with Prof. Beigne. There were around 40 students and professors attending the lecture. After a brief overview of adaptive circuits for low power multi-processors and IoT

architectures, she detailed new technologies opportunities for more flexibility/adaptivity; digital and mixed-signal architectures using 3D technologies were presented in the scope of multi-processors activity as well as imagers and neuro-inspired circuits. She also mentioned many AI-related researches. Her talk stimulated a lot of discussions and questions.

IEEE CEDA Taipei Chapter would like to express our gratitude to IEEE CEDA DL program and Prof. Beigne for this wonderful event including the lecture and sharing meeting.

Photo(s) of this event