

Summary

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The Workshop on IC (integrated circuit) design for Young Researchers was held successfully in Xi'an Jiaotong University, Xi'an, China, on December 4, 2015. Nine bright young professors from USA (Oregon State University), Europe (University of Pavia, Italy), and China (Tsinghua University, Fudan University, Xi'an Jiaotong University, Southeast University, National University Of Defense Technology, Northwestern Polytechnical University) have presented high-quality technical speeches. Over 200 audiences, including professors, graduate and undergraduate students, engineers and scientists from universities, research institutes and industry labs in Xi'an have gathered together to participate this event to learn and exchange new ideas.



The workshop is an IEEE CAS Outreach Event, funded by IEEE CASS, supported by IEEE Xi'an Section and IEEE CAS Xi'an Chapter. Organized by Department of Microelectronics of Xi'an Jiaotong University and held in Xi'an the ancient capital of China, the workshop has accomplished its objectives of Xi'an CAS cross-culture academic exchange and propaganda of IEEE CASS.



The intensive one-day series of talks have covered various important and interesting topics of IC design including digital, analog/mixed-signal, RF/mmWave and wireline/optical, where the applications ranging from biomedical, optical communication and integrated photonics, A/D conversion, energy harvesting, space energy detection, 5G communication, image processing, etc. All speakers are young and active on their research fields, presenting their recent works and advancement. The workshop also facilitates participants to exchange interdisciplinary knowledge and provide different angles on their own research. Many participants, especially students, were thrilled to be addressed by these young professors from leading universities both internationally and domestically. The quality of the workshop is well recognized and phrased by participants.



The workshop also highlights a panel discussion on “how to carry out good research on IC design”. The panelists shared their insights, tips, best practice and exchange ideas with audience on how to be a good IC designer/researcher. They also shared their bittersweet memories and nitty-gritty details on their way

growing up. Audiences were encouraged and inspired by panelists.



Apart from a productive technical program, the organizer also took interested participants for a tour to Xi'an Terra Cotta Warriors Museum as a probe of the rich history of Xi'an for cultural communication, as the city being the starting point of the ancient Silk Road are expecting more communication and collaboration with domestic and international communities.