

gustav / November 28, 2010 12:30AM

[\[International Engagement\]\[IC Design\] Taiwan's Research Output Reaches Top 5 in the IC Design Olympics – ISSCC](#)

[International Engagement][IC Design] Taiwan's Research Output Reaches Top 5 in the IC Design Olympics – ISSCC ([Chinese Version](#))

CNA (2010/11/24) The IC design Olympics – International Solid-State Circuits Conference (ISSCC) will be held in San Francisco in February 2011. Among the 211 articles accepted, Taiwan contributes 14. The research output of the country reaches top 5 in the globe. Chairman & CEO of Etron Technology Nicky LU said, these accepted articles from Taiwan will create several- billions-NT potential output value in 2011.

ISSCC 2011 will be held in San Francisco in February 2011, ISSCC Taiwan held a press conference in Taipei, exhibiting the accepted papers from Taiwan.

During the event, President of National Chiau Tung University Chung-Yu (Peter) WU said, back to the times around 2003, no articles from Taiwan was accepted by ISSCC yet, but after these years' effort, especially under the support of the national chip programs, the IC design development got such a progress. Besides, he also mentioned, the articles from Taiwan accepted this year are very industrial oriented, and thus are expected to bring great benefit to the development of the industry.

Chairman & CEO of Etron Technology Nicky LU said, on third of these articles have immediate profitability, and, to his opinion, all of these articles can bring forth a total output value of several billion NT dollars.

Among these articles, one about the application of multi-antenna WiMAX single chip to high speed environment, contributed by researcher(s) from ITRI-Information and Communications Research Laboratories, indicates that with multi-antenna WiMAX single chip and in a high speed environment about 300 km/h, upload and download speed can reach 5MB, sufficient for cloud computing services or mobile HD television. In another words, such a device is the enhanced 3.5G network card. In the field of medical technology, National Chung Cheng University presents a chip system which can be applied to nerve stimulation or arrhythmia treatment after circuit specification modification.

Further Information:

[中央社 2010/11/24](#)

Edited 1 time(s). Last edit at 11/28/2010 12:32AM by gustav.

---