



Report on the IEEE EDS
Mini-Colloquium, (WIMNACT-37),
Held in Tokyo, Japan
-by Akira Toriumi
Eight world-class researchers on na-
noelectronics were invited to speak
at the 37th Workshop and IEEE EDS



Mini-colloquium (MQ) on Nanometer CMOS Technology (WIMNACT), which was co-sponsored by the ED Japan Chapter and Tokyo Institute of Technology (TIT). The event was held on February 18th, at Tokyo Tech Front, Tokyo, Japan.

The speakers were as follows:

- “Carbon Nanotubes for Electronic Applications?” by Prof. W. I. Milne, Cambridge University,
- “Heterogeneous Micro/Nano-Electronics: Towards the Maturity Learning into the Zero Variability Era,” a lecture on the future of nanoelectronics, by Dr. S. Deleonibus, CEA-LETI,
- “Graphene and Beyond-Graphene Nanomaterials for Green Electronics,” Prof. K. Banerjee, UC Santa Barbara,
- “When Lanthana Meets Silicon,” Prof. H. Wong, Hong Kong City University

After a break for lunch, the program continued with lectures from Prof. A. Toriumi, the University of Tokyo, and ED Japan Chapter Chair, speaking on graphene-metal contacts; Prof. K. Shiraishi on a theoretical study of SiC-MOSFETs; Dr. T. Mogami, PETRA, also the ED Japan Chapter Vice-Chair, on emerging analysis technologies for nanoelectronics, and finally Prof. K. Tsutsui, Tokyo Institute of Technology, on the photoelectron spectroscopic analysis of scaled devices.

The attendees really enjoyed the lectures from these top professors in the field of nanoelectronics. After the lectures, a poster session was held for young researchers and students.