

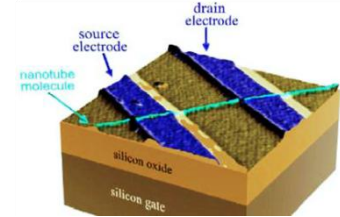
Nanotechnology for Electronics

6-10 May 2015, Eger, Hungary, Budapest University of Technology and Economics
 at ISSE 2015, International Spring Seminar on Electronics Technology
 Course Chair: Prof. Dr. Gábor Harsányi, Head of Department & Conference Chair



This course is part of the EuroTraining project's Train-the-Trainers task, which aim is to enrich the knowledge about nanosystems and to give support to those trainers and experts, who are interested in getting acquainted with educational tools that could be used for teaching their students.

Carbon Nanotube Transistor



Program at a glance

7 May 2015, Morning
 Hotel Saliris, Egerszalók, Hungary

9:00–10:30 Oral Session 1

- Karlheinz Bock: Heterointegration of Multifunctional Systems
- Csaba Szabó: Development of Driver Assistance Sensor Technology in Automotive Industry
- Andrzej Dziedzic: Low-Temperature Properties of Capacitors Embedded into PCBs
- Arne Neiser: Placement of Embedded Temperature Sensors in PCB

10:30–11:00 Coffee break

11:00–13:00 Oral Session 2

- James E. Morris: Nanomanufacturing R&D for Electronics Packaging
- József Gyulai: More than Moore, how much more?
- Goran Miskovic: Grain Size and Porosity Dependence of Titanium Dioxide Nano-paste
- Ievgen Kharabet: Carbon-Fiber-Reinforced Polymers Dependence on a Mechanical Strain
- Beatrice Miccoli: Single ZnO-Nanowire Assembled onto Nanogap Device

7 May 2015, Afternoon
 Hotel Saliris, Egerszalók, Hungary

14:00–16:00 Oral Session 3

- János Mizsei: Electronics, Microelectronics, Nanoelectronics ...
- Hervé Fanet: Energy Efficient Nanoelectronics
- Éva Jelinek: Thermal-Electronic Devices and Thermal-Electronic Logic Circuits (TELC)
- Jiri Navratil: Creating Conductive Paths by Aerosol Jet Printing Technology
- Thomas Reitberger: Aerosol Jet® Printing of Optical Waveguides

16:00–16:15 Coffee break

16:15–18:15 Poster Session 1



Fee and registration

The participation in the course is **free** of charge. Please register by downloading and filling the registration form from the following link: www.ett.bme.hu/eurotraining and sending it back to Zsolt Illyefalvi-Vitéz (illye@ett.bme.hu) or to Oliver Krammer (krammer@ett.bme.hu).

