

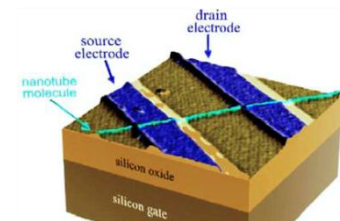
Nanotechnology for Electronics

23-25 Sep 2014, Czarna-Rzeszów, Poland, Rzeszów University of Technology,
Department of Electronic and Communication Systems, at IMAPS POLAND 2014



This two-day 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

Day 1 (23 Sep 2014)

- 15:00–15:15 Introduction
- 15:15–17:00 Poster presentations

Day 2 (24 Sep 2014)

- 9:00–9:40 Electronics, microelectronics, nanoelectronics: applications and trends
- 9:40–10:20 Electron Beam Lithography – principle and applications
- 10:20–11:00 Enhancing biosensors with nanotechnology
- 11:00–11:20 Coffee break
- 11:20–11:40 Nanocrystalline diamond
- 11:40–12:00 Graphene inks for printing
- 12:00–12:20 Nano-silver based interface
- 12:20–12:40 Carbon nanomaterials for PV module heating system
- 12:40–13:00 Problem solving discussion

Day 3 (25 Sep 2014)

- 9:00–9:40 Current research results – Presentations of local scientists: Investigating inkjet technology – nano-ink spreading on various substrates
- 9:40–11:10 Practical demonstration: Visit to the laboratories of the Department of Electronic and Communication Systems
- 11:10–11:30 Farewell coffee with discussion and course evaluation



Fee and registration

The participation in the two-day 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).

