

UNAM is hosting the 3rd “International Workshop on Cleanroom Training for Critical and Sustainable Technologies – Renewable Energy” program between 24 June – 6 July 2013. The workshop is a collaborative initiative of UNIDO and UNAM, and is supported by the Turkish Ministry of Science, Industry and Technology, Turkish International Cooperation & Coordination Agency (TIKA), and Turkish Ministry of Development.

The immediate objective of the workshop is to expose and advance the knowledge and understanding of participants in the area of nanotechnology application areas. The participants will be trained on the fundamentals of cleanroom use and safety; micro/nano-scale process design and optimization; project and process specific equipment training.

The workshop will be organized at UNAM, Ankara – Turkey, the national center of excellence in nanotechnology. It is a seven story tall building with 62 laboratory areas including a 400 m² state-of-the-art class 100 and 1000 cleanroom facility. UNAM cleanroom facility (UCF) is hosting state-of-the-art micro and nano-fabrication equipments including thin film deposition systems, plasma etching tools, high-temperature furnaces, lithography equipments, post-processing tools, and electrical/optical characterization facilities. Currently ongoing and potential research fields at UCF include but are not limited to micro/nano-scale electronic and opto-electronic devices, MEMS/NEMS devices, micro/nano-fluidic lab-on-a-chip (LoC) systems, chemical and biological sensors, novel photovoltaic materials and devices, flexible/transparent electronics, magnetic materials and spintronic devices.

The workshop will bring together in total 40 participants out of these, 30 will be from developing countries and transition economies selected by TIKA and UNIDO collaboratively, and 10 will be selected from the host country, Turkey. Applications from research institutions, universities, governmental agencies, private sector R&D laboratories/companies, and NGOs interested in the field of energy, renewable energy, materials science and micro/nano-technology are strongly recommended.

Individual applications can be sent to the following e-mail address till May 17th, 2013:

workshop@unam.bilkent.edu.tr

Candidates should fill in the [official nomination form](#) (till 7th item) and include a detailed CV and a brief cover letter describing their motivation in participating to this event.