



8^η Ημερίδα της Ελληνικής Εταιρίας Έρευνας Αερολυμάτων (ΕΕΕΑ)
8th Meeting of the Hellenic Association for Aerosol Research (HAAR)

May 26th 2011

Location: Centre for Research and Technology Hellas (CERTH)
6th km Charilaou – Thermi road , Thermi, Thessaloniki, Greece

The 8th Meeting of HAAR will be held on May 26th 2011 **at the “AIOLOS” lecture hall of the Centre for Research and Technology Hellas (CERTH), Thermi, Thessaloniki.** All HAAR members and potential members are invited to attend. The Meeting is organized in accordance to the scheduled activities of HAAR. It aims to present recent developments and activities different members of HAAR are involved in, discuss present and future initiatives, including the participation of HAAR members in EAC 2011.

The meeting also includes a TSI seminar on state-of-the-art solutions for measurement challenges in the following areas:

- Measurement and Characterisation of Emissions from Combustion Processes
- Environmental Monitoring
- Characterization of ultra fine particles in workplaces
- Measurement of engineered nanoparticles
- Introduction of new instruments

MEETING PROGRAM

09:30-09:40	Welcome of participants
09:40-10:00	TSI seminar 1) “Aerosol UFP emissions from laser printers and copiers” Oliver F. Bischof, TSI GmbH, DE
10:00-10:20	TSI seminar 2) “Environmental Monitoring using TSI’s 3783 Environmental CPC” Oliver F. Bischof, TSI GmbH, DE
10:20-10:40	TSI seminar 3) “TSI’s latest solutions in the measurements of UFP concentrations” S. Pothos, TSI Greece
10:40-11:10	TSI seminar 4) “ Optical Particle Sizer / Laser Aerosol Spectrometer ” S. Pothos, TSI Greece
11:10-11:30	Coffee Break and On-site demonstration of TSI's OPS (Optical Particle Sizer, TSI Model 3330) and DustTrak II
11:30-11:50	“Research Activities of Atmospheric Modeling and Weather Forecasting Group - AM&WFG” X. Mitsakou, Dpt. Of Physics, Un. of Athens
11:50-12:10	“Aerosols, Clouds, and Trace gases Research Infrastructure Network, FP7 Project” D. Balis, Laboratory of Atmospheric Physics, AUTH

- 12:10-12:30** "Calculation of the mobility radius of fractal aggregates"
An. Melas, Dpt. of Chem. Eng., AUTH / JRC
- 12:30-12:50** "Studies to assess toxicity of exhaust particles"
L. Ntziachristos, Dpt. of Mech. Eng., AUTH
- 12:50-13:10** "Characterization of nanoparticles with advanced methods and their use for health effect studies"
G. Kastrinaki, APTL/CPERI/CERTH
- 13:10-14:30** **LUNCH + POSTER SESSION**
- 14:30-15:00** **Lab Tour**
- 15:00-16:30** **HAAR discussion and prospects, EAC 2011**
- CLOSE**