



## MARINE IMPACT ON AEROSOL PHYSICAL PROPERTIES

Sopot, 27 – 29 April 2009

### Agenda

**27 April**

**12:30**

**Welcome**

*Director of IOPAS*

**12:35**

**Short introduction**

*Tymon Zielinski*

**12:40 – 12:45**

**Andøya Rocket Range – short overview**

*Michael Gausa/ Sandra Blindheim*

**12:45 - 13:10**

**The new starphotometer SPSTAR04 for the observation of the aerosol in the night**

*K.- H. Schulz, Dr. Schulz & Partner GmbH*

**13:10 – 13:30**

**Measurements of PM over an industrial site in an island of Evia using synergy of a scanning lidar and insitu sensors during TAMEX**

*George Georgoussis, Alexi Papayannis, Raymetrics SA/ NTUA, Greece*

**13:30 – 14:10**

**Optical Properties of Aerosol from different instruments during a campaign in a costal zone**

*Anca Nemuc, Camelia Talianu, Livio Belegante, Emil Carstea, Jeni Vasilescu, INOE, Romania*

**14:10 – 14:30**

**COFFEE**

**14:30 – 15:00**

**Investigation of maritime aerosol during MACRON campaign**

*Karolina Jagodnicka, University of Warsaw, et al.*

**15:00 – 15:20**

**Aerosol properties variation from integrated measurements in a rural site in South-Italy: the influence of mixed air masses**

*M. Calvello, F. Esposito, G. Pavese, DIFA; CNR-IMAA, Italy*

15:20 – **Discussions on MACRON/COAST08-09/Scientific Network**

18:00 - **DINNER** courtesy of TSI

## **28 April**

09:00 – 09:30 **Aerosol and climate**  
*Jacek Piskozub, IOPAS*

09:30 – 09:50 **Aerosol optical depth measured at different coastal sites and its connection with macrometeorological features**  
*Agnieszka Ponczkowska, IOPAS et al.*

09:50 – 10:10 **Origin of the aerosol particles in the marine boundary layer over south-eastern Baltic Sea**  
*V. Ulevicius, Institute of Physics, Lithuania et al.*

10:10 - 10:30 **The variability of the aerosols optical properties nearby the Baltic Sea area**  
*Agnieszka Zdun, Anna Rozwadowska, IOPAS*

10:30 – 11:00 **COFFEE**

11:00 – 11:20 **Measurement of Aerosol Optical Thickness over the Atlantic Ocean and in West Antarctica, 2006-2007**  
*Michal Posyniak, University of Warsaw*

11:20 – 11:40 **Airborne lidar observations offshore the westcoast of Svalbard interpreted by EULAG model as signatures of a seasalt, dust and ice particles**  
*Iwona Stachlewska, University of Warsaw, Poland*

11:40 – 12:00 **Impact of air mass history on aerosol optical thickness at Hornsund station, Spitsbergen**  
*A. Rozwadowska, IOPAS, et al.*

12:00 – 12:20 **Studies of aerosol optical properties over the European Arctic seas**  
*Tymon Zielinski, IOPAS/University of Szczecin, et al.*

12:20 – 14:00 **LUNCH**

14:00 – 14:20 **Study of marine and continental aerosol properties and radiative forcing during MACRON campaign in 2007.**  
*Krzysztof Markowicz, University of Warsaw, Poland*

