



25th Workshop

Tropospheric chemical transport modelling

6-7 November 2014

Department of Environment and Planning
University of Aveiro

PROGRAM

Thursday, November 6

- 12:30 Registration and Lunch
- 14:00 Welcome
- 14:10 **Improving the windblown dust modelling in LOTOS-EUROS**
S. Janson, M. Schaap, A. Manders, A. Segers, R. Kranenburg, [R. Timmermans](#)
- 14:30 **Direct radiative effect of atmospheric aerosols over Europe: an on-line modelling approach**
L. Palacios, R. Baró, [P. Jiménez-Guerrero](#)
- 14:50 **Investigating aerosol - radiation - cloud feedbacks under emission control strategies**
[A. Balzarini](#), G. Pirovano, G. Maurizio Riva, A. Toppetti
- 15:10 **Modelling of aerosols during current and future climate, using the CHIMERE coupled to ALARO NWP model**
[A. Delcloo](#), R. Hamdi
- 15:30 **Coffee-break**
- 15:50 **Comparisons of AOD provided by SEVIRI satellite observations and CAMx air quality modelling**
[A. P. Fernandes](#), M. Riffler, J. Ferreira, S. Wunderle, C. Borrego, O. Tchepele
- 16:10 **Climatic synoptic classification over the Iberian Peninsula**
[J. M. Baldasano](#), V. Valverde, M. T. Pay
- 16:30 **Horizon 2020: climate action and environment**
C. Borrego
- 16:50 **Round Table on Research Challenges and Opportunities**
- 20:00 GLOREAM Dinner

Friday, November 7

- 09:00 **Spatial representativeness of air quality monitoring stations using a 1-km resolution modelling system: application to Andalusia**
[M. T. Pay](#), M. Guevara, A. Lozano-García, J. M. Baldasano
- 09:20 **Methodology to estimate emission factors of particles from dusty materials handling in Portuguese harbour**
[A. V. Silva](#), F. Martin, A. I. Miranda, S. M. Almeida
- 09:40 **Measurement and modelling of PM_{2.5} from wood combustion in Estonia**
[M. Maasikmets](#), E. Teinmaa, V. Kimmel
- 10:00 **LEO: combining a plume and grid model for the Netherlands**
[E. Swaluw](#), F. Sauter, J. Aben, W. Vries, G. Velders, A. van Pul, R. W. Kruit, A. Manders, R. Kranenburg
- 10:20 **Coffee-break**
- 10:40 **The role of NH₃ on particulate matter pollution over Portugal**
[H. Martins](#), A. Monteiro, J. Ferreira, C. Gama, I. Ribeiro, C. Borrego, A.I. Miranda
- 11:00 **High-resolution modelling of health impacts and related external cost from air pollution using the integrated model system EVA.**
[J. Brandt](#), M. S. Andersen, J. Børnøkke, J. H. Christensen, C. Geels, K. M. Hansen, O. Hertel, et al.
- 11:20 **Health-related climatic impacts on increased carcinogenic potential related to BaP atmospheric levels.**
[N. Ratola](#), P. Jiménez-Guerrero
- 11:40 **Open Discussion**
- 12:30 **Concluding Remarks**