

14TH WORKSHOP ON URBAN AND REGIONAL AIR QUALITY

OCTOBER 5-6, 2016. Hotel Rey Don Jaime, Valencia, Spain

PROGRAMME

Wednesday October 5th, 2016

- 9.00 – 9.30 Registration at Hotel Rey Don Jaime
9.30 – 9.40 Opening remarks
(Drs. Peter Wiesen and Amalia Muñoz)

Session 1

Chairman: Dwayne Heard

9.40 – 10.10 *Impact of Biofuels on Vehicle Emissions and Urban Air Quality.*
Tim Wallington. Ford Motor Company

10.10 – 10.40 *Sources and contributions of oxygenated volatile organic compounds in an urban megacity atmosphere.*
Rachel E. Dunmore. University of York

10.40 – 11.10 *Traffic Emissions of HONO and NO_x: Results from Chase Vehicle and Tunnel Measurements.*
William Bloss. University of Birmingham

11.10 – 11.40 **Coffee Break**

11.40 – 12.10 *Air quality assessment in a traffic urban hotspot in Madrid (Spain) through an experimental field campaign and high resolution modelling*
Rafael Borge. Technical University of Madrid

12.10–12.40 *Assessment of the changes in PM levels and air quality in Leipzig.*
Khanneh Wadinga Fomba. TROPOS

12.40 – 13.10 *Future challenges in air quality for industry and University research.*
John Pearson. European Solvent Industry Group

13.10 – 14.30 **Lunch Break**

Session 2

Chairman: Tim Wallington

14.30 – 15.00 *Global modelling of the total OH reactivity: validation against measurements and investigations on the “missing” OH sink.*

Valerio Ferraci. University of Cambridge

15.00 – 15.30 *Interaction between gaseous halogen oxides and other radical families.*

David M. Rowley. University College London

15.30 – 16.00 The reaction of peroxy radicals with OH: rate constants, product yields and atmospheric implication.

Christa Fittschen. Université Lille

16.00-16.30 *The Eurochamp 2020 project*

Jean François Doussin. CNRS

16.30 – 16.50 **Coffee Break**

Session 3

Chairwoman: Amalia Muñoz

16.50 – 17.20 *Diurnal fluxes of HONO above a crop rotation.*

Joerg Klefmann. Bergische Universität Wuppertal

17.20 – 17.50 A general understanding of spray drift, airborne drift and evaporation of pro-sulfocarb

Hans Albert Pedersen. Aarhus University

17.50 – 18.20 *Risk assessment of airborne currently used pesticides in a Mediterranean region of Spain*

Clara Coscollá. Foundation for the Promotion of Health and Biomedical Research in the Valencian Region, FISABIO-Public Health

21:00 dinner at L’Origen Restaurant (C/ Andrés Mancebo 40)

Thursday October 6th, 2016

Session 4

Chairman: Peter Wiessen

9.00 – 9.30 *Photonic Sensing the Atmosphere : Challenges and Opportunities.*

Weidong Chen. Université du Littoral Côte d'Opale

9:30 – 10.00 *New detection methods for peroxy radicals for kinetics and field applications.*

Dwayne Heard. University of Leeds

10:00 – 10.30 *A new method for the measurement of Criegee intermediates online in the gas phase by reaction with spin traps and analysis in proton transfer reaction mass spectrometry.*

Chiara Giorio. University of Cambridge

10:30 – 11.00 *LIFE Photocitytex project: Development of a sensor- based system for air quality measurements*

Milagros Ródenas. F CEAM

11.00 – 11.30 **Coffee Break**

11.30 – 11.50 **Closing remarks**

Dwayne Heard

11:50 **Workshop Closing Speech**

José Vte. Miró Bayarri, Subdirector General del Cambio Climático y Calidad Ambiental.
Generalitat Valenciana (General Deputy Director of Climate Change and Air Quality. Valencian Regional Government)

12.30 *Visit to EUPHORE facilities and Lunch*