

# 14<sup>TH</sup> WORKSHOP ON URBAN AND REGIONAL AIR QUALITY

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

## PROGRAMME

### Wednesday October 5<sup>th</sup>, 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<sub>x</sub>: 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** **Coffee Break**

## Session 3

**Chairwoman:** Amalia Muñoz

**16.30 – 17.00** *Diurnal fluxes of HONO above a crop rotation.*

**Joerg Klefmann.** Bergische Universität Wuppertal

**17.00 – 17.30** A general understanding of spray drift, airborne drift and evaporation of prosulfocarb

**Hans Albert Pedersen.** Aarhus University

**17.30 – 18.00** *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 6<sup>th</sup>, 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**

**11.30-12.00** *Eurochamp 2020 project*

**Jean François Doussin.** CNRS

**12.00 – 12.30** **Closing remarks.**

**Dwayne Heard**

**12.30** *Visit to EUPHORE facilities and Lunch*