

## June 29 – RICTA2015 VI Summer School

8:45 – 9:15	<b>Registration</b>
9:15 – 9:30	<b>Opening Session</b>
9:30 – 10:45	<b>Invited Lecture 1- Prof. Roy Harrison</b> (Univ. Birmingham) Sources and processes affecting urban aerosols with a focus on unregulated sources and nanoparticles
10:45 – 11:15	<b>Coffee break</b>
11:15 – 12:30	<b>Invited Lecture 2- Prof. Casimiro Pio</b> (Univ. Aveiro) An incursion into atmospheric dust pollution: characterization, levels and sources
12:30 – 13:30	<b>“1-min” poster presentations</b>
13:30 – 15:00	<b>Lunch</b>
15:00 – 15:30	<b>“1-min” poster presentations</b>
15:30 – 16:45	<b>Invited Lecture 3- Prof. Pedro L. García Ybarra</b> (UNED) Mechanisms of aerosol transport
19:30 – 21:00	<b>Guided tour</b> of Elche and <b>Welcome cocktail</b> at the courtyard of the Altamira Palace

## June 30 – RICTA2015

8:45 – 9:10	<b>Registration</b>
9:10 – 9:30	<b>Opening Session</b>
9:30 – 10:10	<b>Keynote Talk- Dr. Nadège Martiny</b> (Univ. Bourgogne) Dust versus climate variables as determinants of the onset of the meningitis outbreaks in Niger, Mali and Burkina Faso
	<b>Oral Sesion I: Atmospheric Aerosols</b>
10:10 – 10:30	Effect of local traffic policies on air quality in two cities: Ljubljana and Granada <i>G. Titos et al.</i>
10:30 – 10:50	ABL and ozone-aerosol interactions under Saharan dusty conditions at El Arenosillo (SW Spain) <i>J.A. Adame et al.</i>
10:50 – 11:10	AIRUSE-LIFE+: Mitigation of road and soil dust resuspension in southern Europe <i>F. Amato et al.</i>
11:10 – 11:30	<b>Coffee break</b> (in the posters room)
11:30 – 12:30	<b>Poster Session 1</b> ( <i>odd</i> poster number)
	<b>Oral Sesion II: Instrumentation &amp; Fundamentals</b>
12:30 – 12:50	New Technology for detection and real-time tracking of aerosol plumes <i>F.J. García</i>
12:50 – 13:10	New approach for the efficient collection of airborne particles down to 6 nm for chemical and toxicological characterizations <i>C. Gutiérrez-Cañas et al.</i>
13:10 – 13:30	Use of high-volume outdoor smog chamber photo-reactors for studying physical and chemical atmospheric aerosol formation and composition <i>E. Borrás et al.</i>
13:30 – 15:00	<b>Lunch</b>
15:00 – 15:20	Vaporization of a spray of small fuel droplets in a hot gas coflow <i>F.J. Higuera</i>
15:20 – 15:40	Measurement methods of aerosols and refractory carbon concentrations at high sampling frequency: DEKATI® HR-ELPI + (High resolution electrical low pressure impactor) and ARTIUM® LII300 (Laser Induced Incandescence) <i>SolMa, Commercial presentation</i>
	<b>Oral Session III: Atmospheric Aerosols &amp; Radiation</b>
15:40 – 16:00	Impact of atmospheric aerosols on solar radiation forecasts <i>M.A. Revuelta et al.</i>

16:00 – 16:20	Study of the aerosol-cloud interactions over the Iberian Peninsula <i>R. Baró et al.</i>
16:20 – 16:40	Multi-wavelength aerosol LIDAR signal pre-processing: practical considerations <i>A. Rodríguez-Gómez et al.</i>
16:40 – 17:00	How good are aerosol radiative feedbacks represented in on-line coupled models? An assessment over the Iberian Peninsula <i>L. Palacios et al.</i>
17:00 – 17:20	AEROGui: una interfaz gráfica para las propiedades ópticas de los aerosoles <i>R. Pedrós et al.</i>
17:20 – 17:40	<b>Coffee break</b> (in the posters room)
17:40 – 18:40	<b>Poster Session 2</b> (even poster number)
21:00	<b>Conference Dinner</b> at the gardens of El Huerto del Cura Hotel

### July 1 – RICTA2015

8:45 – 9:15	<b>Registration</b>
	<b>Oral Session IV: Atmospheric Aerosols</b>
9:15 – 9:35	The role of pressure anomaly and Inter-Tropical Convergence Zone on modulating dust outbreaks in southwest Asia: the 1-3 July 2014 case <i>D.G. Kaskaoutis et al.</i>
9:35 – 9:55	Aerosol Modelling with the global online NMMB/BSC Chemical Transport Model <i>O. Jorba et al.</i>
9:55 – 10:15	Atmospheric aerosol measurements at the WMO-GAW station of Mt. Cimone (2165 m a.s.l., Italy) <i>E. Brattich et al.</i>
	<b>Oral Session V: Aerosols&amp;Health/Bioaerosols</b>
10:15 – 10:35	Exposure to bioaerosol at waste sorting plant <i>M. Golofit-Szymczak et al.</i>
10:35 – 10:55	Forecasting the start of the pollination period for some taxa in Catalonia (NE Iberian Peninsula) <i>C. Periago et al.</i>
10:55 – 11:15	Screening and advanced instrumentation for on-site distinction of the background and release signals in a nano-SiO <sub>2</sub> production plant <i>C. Gutiérrez-Cañas et al.</i>
11:15 – 11:45	<b>Coffee break</b> (in the posters room)
	<b>Oral Session VI: Atmospheric Aerosols</b>
11:45 – 12:05	Simultaneous observations of aerosol and rain water chemical properties in a kerbside site in Oporto, Portugal <i>M. Cerqueira et al.</i>
12:05 – 12:25	Analysis of atmospheric vertical profiles in the presence of desert dust aerosols <i>M.J. Costa et al.</i>
12:25 – 12:45	Ultrafine and nanoparticle emissions from atmospheric plasma spraying <i>A.S. Fonseca et al.</i>
12:45 – 13:05	Barcelona Dust Forecast Center: The first WMO Regional Meteorological Center specialized on atmospheric sand and dust forecast <i>S. Basart et al.</i>
13:05 – 13:30	<b>Closing Session</b>
13:30	<b>Lunch</b>