

Urban air quality: designing and implementing effective control strategies

iSCAPE mid-term event

Bologna, 10 May 2018, 8:30 – 19:00, Venue: Regione Emilia Romagna – Sala Auditorium

AGENDA

Update Status: 25 April 2018. Please note the agenda may be subject to change.

08:30 - 09:00	Registration
09:00 - 09:10	Welcome - College Director (Rettore)
09:10 - 09:20	Opening speech: Addressing the challenge of urban air pollution control and climate change Professor Silvana Di Sabatino, University of Bologna, Italy
09:20 - 09:30	iSCAPE - a research and innovation action for Improving the Smart Control of Air Pollution in Europe Dr Francesco Pilla, University College Dublin, Ireland
Morning session: Integrating passive control systems and behavioural interventions in an urban environment - the Living Lab approach	
09:30 - 09:45	Keynote: Reconciling sensor data with model results to characterize urban air quality at various scales Professor Akula Venkatram, University of California, Riverside, USA
09:45 - 10:00	iSCAPE findings so far on passive control of air pollution and climate change Professor Prashant Kumar, University of Surrey, UK
10:00 - 10:15	How does urban design & planning affect air pollution and urban heat island effects? Professor Stefan Greiving, TU Dortmund University, Germany
10:15 - 10:30	Pro-environmental Behavioral Change: Personalized informational intervention and its effectiveness Dr Muhammad Adnan, University Hasselt, Belgium
10:30 - 10:45	ClairCity Project: Citizen-led scenarios to improve air quality in EU cities Professor Enda Hayes, University of the West of England, Bristol, UK
10:45 - 11:00	Integrated assessment of policies and measures tackling population exposure and health impact of air pollution and climate change in urban environments - the ICARUS paradigm Professor Dimosthenis Sarigiannis, Aristotle University of Thessaloniki, Greece



11:00 - 11:30	Coffee break & poster presentations
11:30 - 11:45	<i>Urban Living Labs: How can we all contribute to a more sustainable environment?</i> Ines Vaittinen, European Network of Living Labs (ENoLL), Belgium
11:45 - 12:00	<i>How can we better share methods & learnings within the iSCAPE Living Labs and beyond?</i> Lucy Barrett, Future Cities Catapult, UK
12:00 - 13:00	<i>Panel discussion: How can we improve the passive control of air pollution and mitigation of the negative impacts of climate change?</i> Facilitated by Professor Prashant Kumar, University of Surrey, UK
13:00 - 14:00	Lunch break & Poster presentations
Afternoon session: <i>Developing low cost sensing technologies and empowering citizen science</i>	
14:00 - 14:30	<i>Keynote: Low cost gas, VOC and particulate sensors: where we are, where are we going?</i> Dr John Saffell, Alphasense Ltd, UK
14:30 - 14:45	<i>Smart Citizen Kits: Insights on the development of the iSCAPE low-cost, user-friendly environmental sensors</i> Guillem Camprodon Pujol, IAAC, Fab Lab Barcelona, Spain
14:45 - 15:00	<i>Using Big Data to characterize urban-scale air quality</i> Dr Vlad Isakov, US EPA, USA
15:00 - 15:30	Coffee break & Poster presentation
15:30 - 15:45	<i>Making sense of participatory sensing (videoconference)</i> Dr Mara Balestrini, Ideas for Change, Barcelona, Spain
15:45 - 16:45	<i>Panel discussion: What are the challenges and opportunities for the low-cost sensor development and air pollution monitoring?</i> Facilitated by Guillem Camprodon Pujol, IAAC, Fab Lab Barcelona, Spain
16:45 - 17:00	<i>Closing remarks</i> Professor Silvana Di Sabatino, University of Bologna, Italy
17:00 - 19:00	Reception & Networking