

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: 7 May 2018. Please note the agenda may be subject to change.

08:30 - 09:00	Registration
09:00 - 09:10	Welcome Speech (Professor Antonino Rotolo Pro-rector for Research, University of Bologna, Italy; Professor Luca Ciotti, Vice-director of the Department of Physics and Astronomy, University of Bologna, Italy)
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: <i>Integrating passive control systems and behavioural interventions in an urban environment - the Living Lab approach</i>	
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

Urban Living Labs: How can we all contribute to a more sustainable environment?
 Ines Vaattinen, European Network of Living Labs (ENoLL), Belgium

11:45 - 12:00

How can we better share methods & learnings within the iSCAPE Living Labs and beyond?
 Lucy Barrett, Future Cities Catapult, UK

12:00 - 13:00

Panel discussion: How can we improve the passive control of air pollution and mitigation of the negative impacts of climate change?
 Facilitated by Professor Prashant Kumar, University of Surrey, UK

13:00 - 14:00 Lunch break & Poster presentations

Afternoon session:

Developing low cost sensing technologies and empowering citizen science

14:00 - 14:30

Keynote: Low cost gas, VOC and particulate sensors: where we are, where are we going?
 Dr John Saffell, Alphasense Ltd, UK

14:30 - 14:45

Smart Citizen Kits: Insights on the development of the iSCAPE low-cost, user-friendly environmental sensors
 Guillem Camprodon Pujol, IAAC, Fab Lab Barcelona, Spain

14:45 - 15:00

Using Big Data to characterize urban-scale air quality
 Dr Vlad Isakov, US EPA, USA

15:00 - 15:30 Coffee break & Poster presentation

15:30 - 15:45

Making sense of participatory sensing (videoconference)
 Dr Mara Balestrini, Ideas for Change, Barcelona, Spain

15:45 - 16:45

Panel discussion: What are the challenges and opportunities for the low-cost sensor development and air pollution monitoring?
 Facilitated by Guillem Camprodon Pujol, IAAC, Fab Lab Barcelona, Spain

16:45 - 17:00

Closing remarks
 Professor Silvana Di Sabatino, University of Bologna, Italy

17:00 - 19:00 Reception & Networking

