

## Air Quality Sensing and Approaches for Mitigation using Smart Solutions and Citizen Engagement

2-day Summer School organized by the iSCAPE project ([www.iscapeproject.eu](http://www.iscapeproject.eu))

**17 and 18 September, 2018**

Universiteit Hasselt, Conference Room OG-B1.1 groen, Campus Hasselt,  
Martelarenlaan 42, 3500 Hasselt, Belgium

### Objectives and Expected Outcomes:

The summer school aims to broaden awareness of air pollution and ways to control it. The summer school will provide participants with both theoretical knowledge and hands-on experience in relation to behavioral change initiatives and sensing technologies for air quality management and control. Through the co-creation workshops during the 2-day summer school, participants will learn about the living lab approach to solve various problems related to the environment.

Participants will have an opportunity to use low-cost sensors, developed within the iSCAPE project and make sense of the collected data through visualization platforms. A team of international experts and practitioners will be there to guide participants throughout these 2 days.

This Summer School is organized as part of the iSCAPE project and it will showcase the most recent research and development activities.

### Who should attend:

We invite students and researchers who are involved in environmental and air quality management studies and have keen interest in learning tools/methods to engage communities, stakeholders and citizens in resolving air quality problems.

### Cost::

Registration is free of cost, but seats are limited. Please click [here](#) for Registration

### Summer School Program

#### Day 1: 17-09-2018

Time	Activity	Speaker / Responsible
08:30- 9:00	Registration	
9:00-9:15	Summer School Introduction and Overview	<b>Prof. Davy Janssens</b> , University of Hasselt, Belgium
9:15- 10:30	Air Quality: Worldwide and Belgian Perspective on air quality monitoring, issues and solutions	<b>Dr. Stijn Vranckx</b> Flemish Institute for Technological Research, Belgium – (VITO)
10:30-10:45	Coffee break	



10:45-12:30	Living Labs as an innovation instrument for sustainable air quality ( <i>Why, How and Lessons from iSCAPE living labs</i> )	<b>Ines Vaittinen</b> European Network of Living Labs, Belgium
12:30-1:30	Lunch	
1:30- 2:30	Encouraging Pro-Environmental Travel Behavior (Lessons from behavioral intervention study)	<b>Dr. Muhammad Adnan</b> , University of Hasselt, Belgium
2:30-3:00	Coffee Break	
3:00-5:00	Workshop: Co-creating behavioral interventions to address air pollution challenges	<b>Lucy Barrett</b> , Future Cities Catapult, UK <b>Dr. Muhammad Adnan</b> and <b>Shiraz Ahmed</b> , University of Hasselt, Belgium

## Day 2: 18-09-2018

Time	Activity	Speaker / Responsible
9:00-10:30	Low-cost Air Quality Sensors: Technology Development Process and Demonstration	<b>Guillem Camprodon</b> The Institute for Advanced Architecture of Catalonia, Spain (IAAC)
10:30-10:45	Coffee break	
10:45-12:30	Workshop: Hands-on sensor Testing (Assembling components, deployment and data collection)	<b>Guillem Camprodon</b> The Institute for Advanced Architecture of Catalonia, Spain (IAAC)
12:30-1:30	Lunch	
1:30- 3:00	Workshop: Making sense of data (data analysis and visualization)	<b>Guillem Camprodon</b> The Institute for Advanced Architecture of Catalonia, Spain ( IAAC)
3:00-3:15	Coffee Break	
3:15-5:00	Workshop: Citizens & Sensors - Developing Citizen Science Communities	<b>Lucy Barrett</b> , Future Cities Catapult, UK
5:00-5:15	Closing Session	

