

UP2020

Urban Physics Spring School

03 - 08 May 2020 Larnaca, Cyprus

Multi-Scale, Multi-Phase and Multi-Disciplinary

SCOPE

The school aims at advancing participant's knowledge in the field of environmental fluid mechanics with focus on the urban dynamics and its multiscale interactions - from global to local scales using a holistic approach. A dialogue between scientists and engineers using different research methodologies will be promoted - from theory over laboratory studies to computer simulations, and to the actual real field. Example applications will include urban climate mitigation and adaptation strategies, particulate matter pollution and the impact of transboundary transport of dust.



INVITED SPEAKERS

Bert Blocken, TU Eindhoven, NL & KU Leuven, Belgium

Jan Carmeliet, ETH-Zurich, Switzerland

Ruchi Choudhary, University of Cambridge, UK

Silvana Di Sabatino, University of Bologna, Italy

Prashant Kumar, University of Surrey, UK

Nikos Michalopoulos, University of Crete, Greece

Marina Neophytou, University of Cyprus, Cyprus

Christoph Schaer, ETH-Zurich, Switzerland

Maarten van Reeuwijk, Imperial College, UK

ORGANIZERS

Assoc. Prof. Marina Neophytou, UCy, Cyprus

Prof. Jan Carmeliet, ETH-Z, Zurich

Prof. Bert Blocken, TU Eindhoven, NL & KU Leuven, Belgium

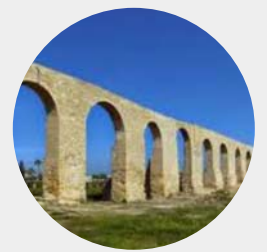
www.cyprusconferences.org/up2020

REGISTRATION

Participants can register online via the course website (www.cyprusconferences.org/up2020), where full information and details on the course, travel and lodging can be found. The registration covers course material and accommodation for 5 nights (Sunday to Friday) on a full board basis. Early bird registration fee: 800 euro. The number of participants is limited to 40 persons. The positions will be filled on a first-come, first-served basis.

LOCATION

The school will take place at the beach village of Perivolia, located close to environmental attractions and landmarks, such as Larnaca salt lake, Kiti beach and Hala Sultan Tekke.



For enquiries and support on registration, travel and logistics, please contact: Easy Conferences
email: info@easyconferences.eu tel: +357 22591900

For enquiries on the academic program please contact: Assoc. Prof. Marina Neophytou
email: neophytou@ucy.ac.cy

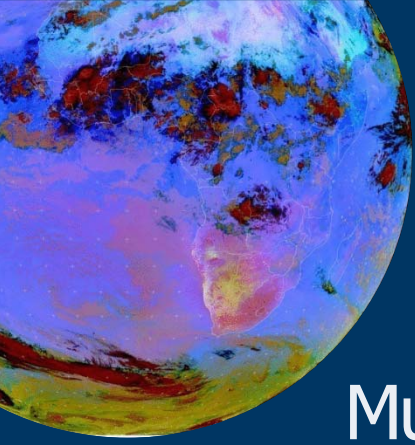


Πανεπιστήμιο Κύπρου
University of Cyprus



Eidgenössische Technische Hochschule Zürich
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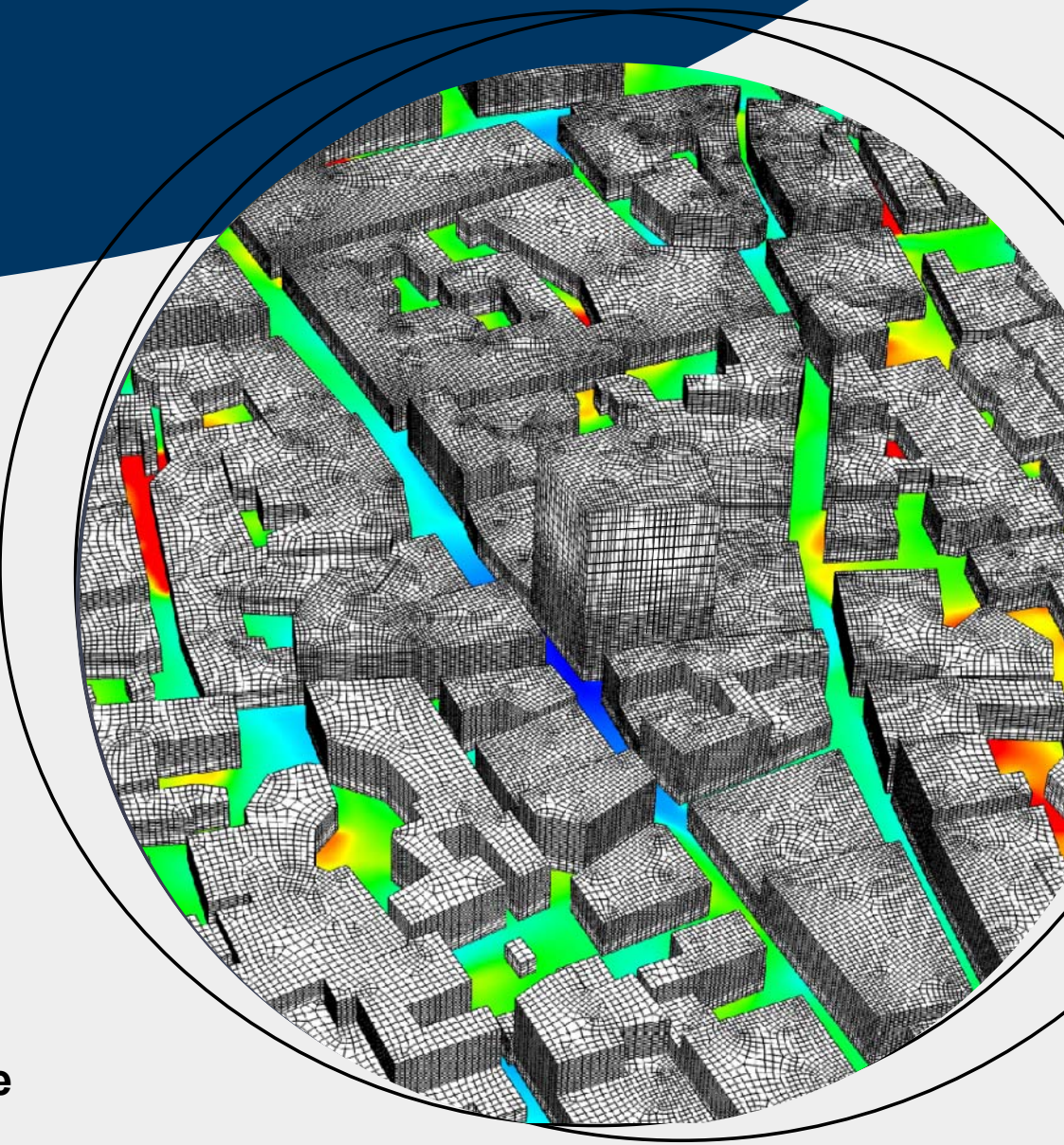


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SCIENTIFIC CONTENT

Theory and computational modelling

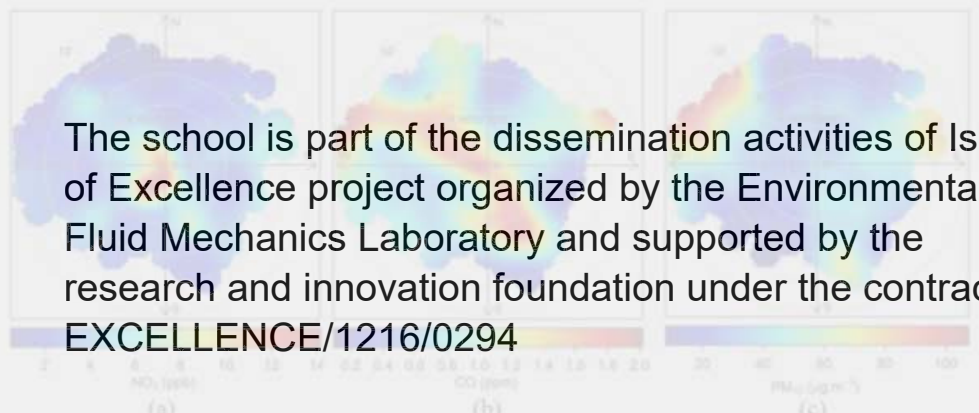
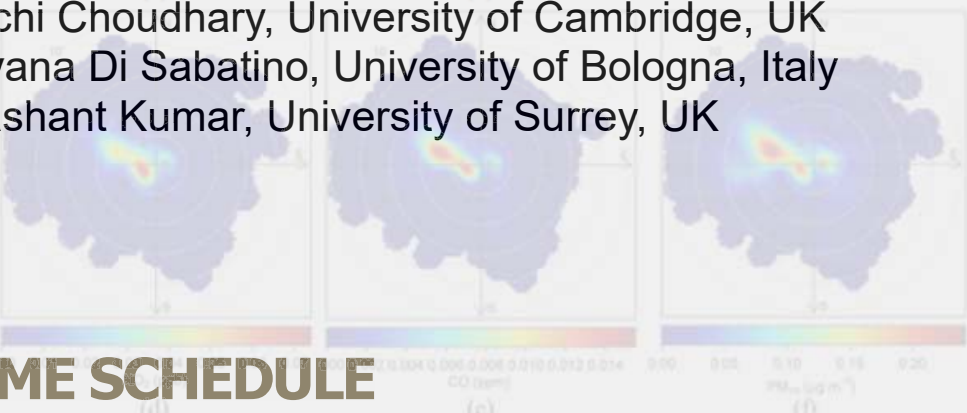
Bert Blocken, TU Eindhoven, NL & KU Leuven, Belgium
 Christoph Schaer, ETH-Zurich, Switzerland
 Maarten van Reeuwijk, Imperial College, UK

Theory and experimental modelling (Laboratory and Field)

Jan Carmeliet, ETH-Zurich, Switzerland
 Nikos Michalopoulos, University of Crete, Greece
 Marina Neophytou, University of Cyprus, Cyprus

Applications: particulate matter pollution, climate change and building energy efficiency

Ruchi Choudhary, University of Cambridge, UK
 Silvana Di Sabatino, University of Bologna, Italy
 Prashant Kumar, University of Surrey, UK



The school is part of the dissemination activities of Isle of Excellence project organized by the Environmental Fluid Mechanics Laboratory and supported by the research and innovation foundation under the contract EXCELLENCE/1216/0294

TIME SCHEDULE

Time	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
08:00 - 09:00				Breakfast		
09:00 - 10:20		Schaer	Blocken	Kumar	Choudhary	Di Sabatino
10:20 - 10:30		Short break				
10:30 - 11:50		Schaer	Blocken	Kumar	Choudhary	Di Sabatino
11:50 - 12:10		Coffee break				
12:10 - 13:30		student presentation	student presentation	Michalopoulos	student presentation	End of school and participants departure
13:30 - 15:00		Lunch				
15:00 - 16:20		Carmeliet	Neophytou	Michalopoulos	van Reeuwijk	
16:20 - 16:40		Coffee break				
16:40 - 18:00		Carmeliet	Neophytou	cultural excursion	van Reeuwijk	
20:00 - 21:30	Icebreaker reception	Dinner				

