



## ERC THUNDERR Project

Department of Civil, Chemical and Environmental Engineering  
Polytechnic School, University of Genova  
Via Montallegro 1, 16145 Genova, Italy  
Phone: +39 010 353 2196



# ERC Special Guest Lectures

Friday 28th September, 2018

Salone al Piano Nobile  
Villa Giustiniani Cambiaso  
Via Montallegro, 1, Genova

9:00-9:10	Opening	Giovanni Solari Fausto Massardo, School Dean Giorgio Roth, DICCA Director
9:10-9:45	LES over RANS in wind engineering: a foregone conclusion?	Bert Blocken Eindhoven University of Technology, Netherlands and KU Leuven, Belgium
9:45-10:20	Non-synoptic, non-stationary and non-Gaussian wind systems: physical simulations and impacts	Horia Hangan Western University London, Canada
10:20-10:50	Coffee Break	
10:50-11:25	Dynamic Response of Structures to Non-Stationary Winds	Ahsan Kareem University of Notre Dame Indiana
11:25-12:00	Wind Loads on Solar Panels: A Review of the State-of-the-Art	Ted Stathopoulos Concordia University Montreal, Canada
12:00-13:00	Lunch	
13:00-13:35	Mathematical model for understanding phenomena	Yukio Tamura Chongqing University China
13:35-14:10	High resolution simulations of extreme convective events with a regional climate model	Uwe Ulbrich Freie Universität Berlin Germany
14:10-14:20	Closing	



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In correspondence of the First Meeting of the International Advisory Board of the ERC THUNDERR Project:

Detection, simulation, modelling and loading of thunderstorm outflows to design wind-safer and cost-efficient structures

### **the Wind Science and Engineering Curriculum**

of the PhD Program in Civil, Chemical and Environmental Engineering of the University of Genoa organizes six ERC Special Guest Lectures delivered by the six members of the ERC International Advisory Board.

Master Students, PhD Students, Post Doc Scientists and Scholars are invited to attend this unique event by registering filling the card below and sending it to:

[thunderr@unige.it](mailto:thunderr@unige.it)

For any other information please contact:

Dr. Cecilia De Vecchi

[cecilia.devecchi@edu.unige.it](mailto:cecilia.devecchi@edu.unige.it)

Phone: +39 010 353 2196

Name and Surname	
Position	
Organization	
Phone Number	
Email Address	

The participation is costless but the registration shall be received

**NO LATER THAN FRIDAY 21 SEPTEMBER, 2018**