



IUSS

Scuola Universitaria Superiore Pavia

INVITATION TO

DOCTORAL FINAL EXAMS

PAVIA, DECEMBER 11, 2015



UME Graduate School  **IUSS**
understanding and managing extremes

Scuola Universitaria Superiore Pavia

C/o IUSS Palazzo del Broletto - Piazza della Vittoria, 15 - 27100 Pavia, Italy
Website: www.umeschool.it - E-mail: secretariat@umeschool.it
Phone (+39) 0382.375860 - Fax (+39) 0382.375899

UME
Graduate
School
understanding
and managing
e x t r e m e s

FRIDAY, DECEMBER 11, 2015

CHURCH OF SAINTS GIACOMO AND FILIPPO

CAR COLLEGE

VIA LUIGI PORTA, 10 - 27100 PAVIA



PROGRAMME

08.30-09.00	<i>Reception</i>
09.00-09.45	Assessment and retrofit techniques for industrial RC prefabricated structures Manya Georgieva Deyanova
09.45-10.30	Development and verification of innovative modelling approaches for the analysis of framed structures subjected to earthquake action Romain Ribeiro De Sousa
10.30-11.15	Probabilistic assessment tool for earthquake ground motion amplification in nonlinear cohesionless soil sites Mirko Morosi
11.15-11.45	<i>Coffee break</i>
11.45-12.30	Beyond simple scalar ground motion IMs in structural risk assessment Mohsen Kohrangi
12.30-13.15	Dynamic identification and assessment of the response of a full scale unreinforced masonry building tested on shaking table Leonidas A. Kouris
13.15-14.30	<i>Lunch break</i>
14.30-15.15	Performance-based seismic assessment of RC wall buildings Matthew J. Fox
15.15-16.00	Assessment and modelling of the seismic response of curved surface slider devices under multi-axial input Marco Furinghetti
16.00-16.45	Seismic isolation of confined masonry buildings using fiber reinforced elastomeric isolators Babak Nasrollah Beigi
16.45-17.30	Fuzzy methodologies applied to holistic seismic risk estimation Juan Ruben Gonzalez Cardenas
19.00-20.30	<i>Reception (CAR College, Pavia)</i>

The committee of independent international experts in charge of the examination comprises:

- **Athol Carr**, University of Canterbury
- **Giovanni Plizzari**, Università degli Studi di Brescia
- **Felice Carlo Ponso**, Università degli Studi della Basilicata
- **Dimitrios Vamvatsikos**, National Technical University of Athens
- **Fabian Bonilla**, Université Paris Est - IFSTTAR
- **Christopher Burton**, GEM Foundation