Invitation to

Doctoral Final Exams

Pavia, February 8th, 2018
Thursday, February 8th, 2018
Church of Saints Giacomo and Filippo
CAR College
Via Luigi Porta, 10 - 27100 Pavia

Programme
PhD presentation and discussion
Church of Saints Giacomo e Filippo, CAR College, Pavia

08:30-09:15 Role of Risk Governance in Influencing Behaviour of Economic Losses
Kamal Ahmed

09:15-10:00 Human-Environment Systems Vulnerability to Floods Integrating Spatial Information and Ecosystem Services
Lilit Gevorgyan

10:30-11:15 Modelling of Single and Multiple Hazards Impacts on Complex Territorial Systems: Main Challenges and Definition of New Methodological Approaches
Silvia De Angeli

11:15-12.00 Development of Innovative Methods and Modelling Approaches Towards More Balanced and Efficient Flood Risk Models
Rui Pedro Carrapatoso Figueiredo

12:15-13:00 Measuring Community Resilience to Disasters Through Stakeholders’ Frames and Practices: Towards a Resilience Informed Interactive Governance
Arianna Morelli

13:00-13:45 Lunch Break

13.45-14.30 Tailoring Disaster Risk Financing Instruments to Country Contexts: The Case of Central Asia
Tatiana Skalon

15.00-15.45 Nonlinear Constitutive Model of a Beam Element with Cyclic Degradation and Damage Assessment for Advanced Dynamic Analyses of Soil-Structure Interaction Problems
Guido Andreotti

15.45-16:30 Improved Tools and Strategies for the Derivation of Analytical Fragility Curves of Existing URM Buildings
Stefano Bracchi

16:30-17:15 Seismic Assessment of Composite Frames with Concrete-Filled Steel Tube Columns
Yadong Jiang

17:15-18.00 From Record Selection to Risk Targeted Spectra for Risk Based Assessment and Design
Andrea Spillatura

The committee of independent international experts in charge of the examination comprises:
- Rossella Cerchia, Università degli Studi di Milano
- Gaetano Della Corte, Università di Napoli “Federico II”
- Philippe Ker Rault, Wageningen Environmental Research
- Sergio Lagomarsino, Università degli Studi di Genova
- Dimitrios Vamatsikos, National Technical University of Athens
- Paolo Venini, Università degli Studi di Pavia
- Enrico Creaco, Università degli Studi di Pavia
- Heidi Kreibich, GFZ Postdam
- Francesco Zucca, Università degli Studi di Pavia