Risk Analysis & Structural Reliability

Final Seminar

Friday June 7 Room 2R

09:00-09:30 Keynote speaker: Prof. **Raimondo Betti,** Columbia University

Title: *Monitoring the structural health and estimating the strength of main cables of suspension bridges.*

09:30-09:45 Stefano Zorzi, University of Trento

Title: *Reliability-based Metrics for SHM Information Quality Assessment*

09:45-10:00 Daniel Tonelli, University of Trento

Title: *Bayesian Data Fusion for Enhanced Monitoring of Bridge Displacements using Satellite InSARand Topographic Techniques*

10:00-10:15 Coffe break

10:15-10:30 Chiara Nardin, University of Trento

Title: *UQ state-dependent framework for seismic fragility assessment of industrial components*

10:30-10:45 Maijia Su, University of Trento

Title: *Site-based Hierarchical Stochastic Ground Motion Models: Formulation and Validation*

10:45-11:00 Patrick Covi, University of Trento

Title: *Post-earthquake fire performance and probabilistic fire assessment of steel structures*

11:00-11:15 Roberto Andreotti, University of Trento

Title: *Structural diagnosis techniques based on acoustic emissions.*

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