

GIOVEDÌ 15 / 09						
08:00-09:00	REGISTRAZIONE					
09:00-09:45	Keynote Lecture: B. Hoffmeister (ANIDIS) - Dissipative beam-to-column joints and rapid damage assessment network for moderate seismicity regions (Chair: G. De Matteis)					
09:45-10:00	Intervento tecnico (FIPMEC) - <i>Isolamento sismico e dissipazione supplementare di energia: 45 anni di esperienza</i>					
10:00-10:15	Intervento tecnico (CSPFea) - <i>Strumenti digitali innovativi per le infrastrutture: la Bridge Total Solution</i>					
	SS15 (Aula 1)	SG16 (Aula 2)	SG01 (Aula 3)	SG10 (Aula 5)	SS16 (Aula 5)	-
Chairs:	S. Cattari, I. Venanzi, A. Zona	E. Bruschi, M. Mazzei	M.A. Zanini, D.Falliano	M. Guadagnuolo, G. Faella	G. Brandonisio, E. Mele	
10:15-11:00	A Bayesian-based data fusion methodology and its application for seismic structural health monitoring of the Consoli Palace in Gubbio, Italy <i>Laura Ierimonti, Ilaria Venanzi, Nicola Cavalagli, Enrique Garcia-Macias, Filippo Ubertini</i>	Capacitive accelerometers at low frequency for infrastructure monitoring <i>Mauro Mazzei, Andrea Maria Di Lellis</i>	Exceedance of design seismic actions during the 2016-2017 central Italy seismic sequence: sensitivity to seismic hazard using two source models <i>Pasquale Cito, Antonio Vitale, Iunia Iervolino</i>	Seismic analysis of medical equipment in Ospedale Mauriziano (Torino): a resilience-based approach. <i>Lorenza Abbracciavento, Bernardino Chiaia, Valerio De Biagi, Anna Reggio</i>	Improvement of the seismic response of frame structures through the coupling with an external structure equipped with inerter <i>Angelo Di Egidio, Stefano Pagliaro, Alessandro Contento</i>	
	Nonlinear static analyses to improve the seismic damage assessment of monitored masonry palaces: application to the Consoli Palace of Gubbio, Italy <i>Daniele Sivori, Serena Cattari, Sara Alfano, Laura Ierimonti, Ilaria Venanzi, Filippo Ubertini</i>	A web platform for management and analysis of existing bridges <i>Gianluca Costantino, Davide Messina, Antonino Recupero, Pier Paolo Rossi, Nino Spinella</i>	Best Matching Scenario Earthquake: an alternative paradigm to disaggregation of PHSA <i>Angela Chiechio, Roberto Paolucci, Manuela Vanini</i>	Kinematic analysis of historic chimney stacks of the royal palace of Carditello <i>Mariateresa Guadagnuolo, Marianna Aurilio, Giuseppe Faella</i>	Conceptual design of anti-seismic devices with metal foam core for CBFs <i>Amparo de la Peña, Atsushi Sato, Massimo Latour, Gianvittorio Rizzano</i>	
	SHM of historical buildings: The case study of Santa Maria in Via church in Camerino (Italy) <i>Davide Arezzo, Vanni Nicoletti, Sandro Carbonari, Fabrizio Gara, Leonardo Cipriani, Graziano Leoni</i>			Experimental tests for seismic assessment of ventilated façades <i>Orsola Coppola, Giuseppina De Luca, Annalisa Franco, Antonio Bonati</i>	Sliding pendulum isolators without secretes <i>Ivan Marenda, Agostino Marioni, Marco Banfi, Roberto Dalpedri</i>	
11:00-11:30	Coffee Break					
GIOVEDÌ 15 / 09						
	SS15 (Aula 1)	SS11 (Aula 2)	SG15 (Aula 3)	SG03 (Aula 4)	SS10 (Aula 5)	-
Chairs:	S. Cattari, I. Venanzi, A. Zona	B. Faggiano, G. Iovane, A. Sandoli	L. Cavaleri, S. Carbonari	S. Foti, F. Gara	C. Del Vecchio, M. Di Ludovico	
11:30-13:00	Preliminary results in the automated detection of operational modal properties of the Portico Varano in the Camerino Ducal Palace <i>Leonardo Cipriani, Michele Morici, Alessandro Zona, Graziano Leoni, Andrea Dall'Asta</i>	Numerical simulation of a timber retrofit solution for unreinforced masonry buildings <i>Gabriele Guerrini, Nicolò Damiani, Marco Miglietta, Francesco Graziotti</i>	An innovative active control system for the seismic retrofit of a precast R.C. wall-bearing building <i>Giovanni Rebecchi, Fabio Menardo, Alberto Bussini, Pietro Diamanti, Matteo Rosti, Francesco Del Viva, Gerardo Masiello, Salvatore Squazzo</i>	Derivation of rotations in soil motion from array measurements. Application in structural codes <i>Alberto Castellani</i>	Loss-Driven Rapid Warning Methodology for Seismic Risk Mitigation of a Target Railway Infrastructure <i>Iolanda Nuzzo, Carlos Riascos, Daniele Losanno, Nicola Caterino</i>	
	Modal characterization and NDTs of an historical church in Noto <i>Flora Faleschini, Filippo Andreose, Klajdi Toska, Giovanni Gobbi, Mariano Angelo Zanini, Carlo Pellegrino, Dario De Domenico, Giuseppe Ricciardi</i>	Efficacy Assessment of Timber Based In-Plane Strengthening of Wooden Floors on the Seismic Response of Masonry Structures by means of DEM Analyses <i>Alessandra Gubana, Massimo Melotto</i>	TH Analyses and Simplified Approach for Precast RC Frames Retrofit with Dissipative Fuse Devices Sismocell <i>Devis Sonda, Andrea Vittorio Pollini</i>	A Methodology for Extracting the Physical Parameters of Soil-Foundation-Pier Systems from Dynamic Tests <i>Sandro Carbonari, Francesca Dezi, Davide Arezzo, Fabrizio Gara</i>	Seismic retrofit of reinforced concrete frames by direct loss-based design <i>G. Rubini, D. Suarez, R. Gentile, C. Galasso</i>	
	Integrated digital survey and seismic assessment of churches through Distinct Element Modelling: the case study of S. Maria Maggiore in Tuscania <i>Gianmarco de Felice, Clarisse Choueri, Pietro Meriggi, Rodrigo Yanez Chura</i>	Material characterisation for the numerical modelling of a timber-based seismic retrofit for RC buildings <i>Francesco Smirardo, Giovanni Sommacal, Stylianos Kallioras, Dionysios Bournas, Maurizio Piazza, Ivan Giongo</i>	Experimental characterization of the mechanical behaviour of U-shaped dissipative devices <i>Nicola Buratti, Andrea Vittorio Pollini, Claudio Mazzotti</i>	A Probabilistic Study on Impedances and Kinematic Response Factors of Square Pile Groups in Homogeneous Soils <i>Lucia Minnucci, Michele Morici, Sandro Carbonari, Francesca Dezi, Fabrizio Gara, Graziano Leoni</i>	Operational critical issues filling in the Italian form for the post-earthquake damage assessment of churches (A-DC 2006) <i>Romina Sisti, Elvis Cescatti, Veronica Follador, Francesca Da Porto, Chiara Calderini, Sergio Lagomarsino, Michele Morici, Andrea Prota</i>	
	DETECT-AGING blind prediction contest: a benchmark for structural health monitoring of masonry buildings <i>Nicola Buratti, Serena Cattari, Gian Piero Lignola, Andrea Meoni, Fulvio Parisi, Filippo Ubertini, Giorgio Virgulto</i>	Application of timber-based techniques for seismic retrofit and architectural restoration of a wooden roof in a stone masonry church <i>Michele Mirra, Andrea Gerardini, Geert Ravenshorst</i>	Comparative analysis of experimental and numerical data of a steel frame equipped with dissipative replaceable bracing connections <i>Francesca Mattei, Giulia Giuliani, Roberto Andreotti, Roberto, Silvia Caprili, Nicola Tondini</i>		Expected losses vs earthquake magnitude curves, for seismic risk mitigation and for insurance purposes <i>Lorenzo Hofer, Mariano Angelo Zanini, Flora Faleschini, Carlo Pellegrino</i>	
		Design and analysis of dissipative seismic resistant heavy timber frame structures equipped with steel links <i>Giacomo Iovane, Vittorio Oliva, Beatrice Faggiano</i>				
		Timber based systems for the seismic and energetic retrofit of existing structures <i>Giacomo Iovane, Antonio Sandoli, Dante Marranzini, Raffaele Landolfo, Andrea Prota, Beatrice Faggiano</i>				
13:00-14:30	Pranzo (MIXTO)					

Aula Magna

14:30-19:00	Giornata studio "IL PROBLEMA DELLA CONOSCENZA NELLA VALUTAZIONE DELLE COSTRUZIONI ESISTENTI" Modetatore: Ing. Andrea Dari (Ingenio)					
14:30-14:40	Saluti introduttivi Guido Saracco, Rettore del Politecnico di Torino Giuseppe Ferro, Presidente Ordine Ingegneri della Provincia di Torino					
14:40-15:10	Franco Braga - <i>La valutazione della conoscenza nella asseverazione della vulnerabilità</i>					
15:10-15:40	Michele Calvi - <i>L'importanza della conoscenza nelle costruzioni in zona sismica</i>					
15:40-16:10	Walter Salvatore - <i>La conoscenza nel controllo e nella valutazione dei ponti esistenti, dall'ispezione al monitoraggio</i>					
16.10-16.30	Coffee break					
16:30-17:00	Andrea Dall'Asta - <i>I livelli di conoscenza nella valutazione accurata dei ponti esistenti</i>					
17:00-17.30	Giuseppe Ferro - <i>La qualità e l'utilizzo della conoscenza delle costruzioni nella valutazione della sicurezza</i>					
17:30-18:00	Intervento Tecnico - Cismondi Srl: <i>Casi studio applicativi di diagnostica strutturale avanzata</i>					
18:00-18:15	Intervento Tecnico - G&P Intech : <i>Case Study of Structural Reinforcement of A Masonry Building</i>					
18:15-19:00	Tavola Rotonda					

Aula Magna "G. Agnelli"