



Le Vie dei
Mercanti

XV FORUM INTERNAZIONALE WORLD HERITAGE and DISASTER

Knowledge, Culture and Representation

Naples 15 - Capri 16,17 June 2017

PROGRAM_XV INTERNATIONAL FORUM 'LE VIE DEI MERCANTI'

WORLD HERITAGE and DISASTER, Naples 15 June, Capri 16 and 17 June 2017

15 June 2017, Naples, Pegaso University, Palazzo Zapata, Piazza Trieste e Trento n. 48 ([Google Maps](#))

9.30 Registration

10.30 Welcome / Istitutional greetings

Giuseppe PAOLISSO, Rettore dell'Università della Campania 'Luigi Vanvitelli'

Alessandro BIANCHI, Rettore dell'Università Pegaso

Francesco FIMMANÒ, Direttore Scientifico dell'Università Pegaso

Lucio SAVOIA, Ambasciatore, Segretario Generale Emerito della Commissione Italiana UNESCO

Luigi MAFFEI, Direttore del Dipartimento di Architettura e Disegno Industriale, Università della Campania 'Luigi Vanvitelli'

Luciano GARELLA, Soprintendente SABAP (Archeologia, Belle Arti e Paesaggio) per il Comune di Napoli

Maurizio SANTISE, Giudice Amministrativo TAR Campania

Michael SCIASCIA, Presidente del Tribunale della Corte dei Conti della Campania

Yang XIUJING, Board member of the Academy of Fine Arts in Hangzhon, China

Danilo IERVOLINO, Presidente dell'Università Pegaso

Introductory Report

Carmine GAMBARDELLA, General Chair, President of the UNESCO Chair on Landscape, Cultural Heritage and Territorial Governance



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Moderator

Giorgio MULÈ, Director of the 'Panorama' magazine

Lectio Magistralis

Vincent JOLIVET, Directeur de recherche CNRS-UMR8546 (AOrOc), Ecole normale supérieure Paris 'Civita Musarna (VT): il ritorno al futuro di una Città Etrusca'

Invited speaker

David LISTOKIN, Co-Director, Center for Urban Policy Research, Rutgers, The State University of New Jersey 'Federal and State Historic Preservation Tax Credits in the United States (U. S.) and Economic, Housing and other benefits: Update To 2016'

Marin MARINOV, Rector of the European Polytechnical University

13.00 Lunch

15 June 2017, Naples, Pegaso University, Palazzo Zapata, Piazza Trieste e Trento n. 48 ([Google Maps](#))

15.00 Parallel session

Chair: Carmine GAMBARDELLA

Laura INZERILLO

University of Palermo

ID148_ Low cost survey techniques aimed to the Cultural Heritage conservation

Rita VALENTI, Simona GATTO

Università di Catania

ID141_ The Catania skyline: two absences from its urban landscape. The "destruction" of the Alessi Tower and of the Bellini Garden Library



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Valeria MINUCCIANI, Gabriele GARNERO

Università di Torino

ID75_ When the Cultural Heritage cannot be physically visited

Go OHBA

Institute of Urban Innovation, Yokohama National University, Japan

ID156_ The restoration of the outer wall of the Colosseum in the nineteenth century: the intention of Giuseppe Valadier regarding distinctions between old and new architectural materials

Antonio BOSSIO (1) Gian Piero LIGNOLA (1) Francesco FABBROCINO (2) Andrea PROTA (1) and Gaetano MANFREDI

(1)University 'Federico II' Naples (2) University Pegaso

ID197_ Evaluation of seismic behavior of corroded reinforced concrete structures

Giancarlo RAMAGLIA (1), Gian Piero LIGNOLA (1), Francesco FABBROCINO (2), Andrea PROTA (1)

(1) University 'Federico II' Naples (2) Pegaso University

ID198_ Impact of inorganic matrix strengthening systems on heritage masonry structures

Francesco FABBROCINO (1), Antonio FORMISANO (2), Gabriele MILANI (3)

(1)Pagaso University (2) University 'Federico II' Naples (3) Polytechnic of Milan

ID209_ Fragility and resilience analysis of a cultural heritage centre in the district of Naples

Lucia TRIGILIA

Università degli Studi di Siracusa

ID111_ The Knights of the Order of Malta and the emergency reconstruction after earthquakes of 1693: comparison between seismic events of the seventeenth centuries

Salvatore LOSCO, Claudia de BIASE

Università della Campania 'Luigi Vanvitelli'

ID47_ Territorial planning, policies and programs for touristic development of Caserta Province

Danila JACAZZI

Università della Campania 'Luigi Vanvitelli'

ID234_ Atlas of the Triconch's Architectures in the Mediterranean. The Roman Africa

Saverio CARILLO

Università della Campania 'Luigi Vanvitelli'

ID235_ 'Impressioni di memorie' Plural accessibility experiences in Naples. Methods of preventive protection of cultural property



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15 June 2017, Naples, Sala delle Assemblee del Banco di Napoli, Via Toledo 177 ([Google Maps](#))

15.30 Parallel session

Chair: Nicola PISACANE

Invited speakers

Mosè RICCI, Università degli Studi di Trento ‘The New Risking Heritage’

Michelangelo RUSSO, Università ‘Federico II’ di Napoli, ‘Circular economies and regenerative for the city’

Maurizio CARTA, Università degli Studi di Palermo, ‘The Creative Land. Heritage and Creativity in the Neo-Anthropocene’

Antonio SGAMELLOTTI, Università degli Studi di Perugia, Accademia Nazionale dei Licei, ‘Resilience of cultural heritage to natural disasters: The recent involvement of Science Academies’

Speakers

Emilia CORRADI

Politecnico di Milano

ID36_ Mapping by memory_An approach to prevent and programming opportunities for high-risk disaster areas

Antonella VIOLANO, Rinaldi SERGIO, Monica CANNAVIELLO, Mariarosaria ARENA
Università della Campania ‘Luigi Vanvitelli’

ID22_ Retrofit Vs Rehabilitation: improving technological quality of the existing school building

Francesca MUZZILLO, Fosca TORTORELLI

Università della Campania ‘Luigi Vanvitelli’

ID43_ Wine landscapes between disaster and opportunities



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Jurji FILIERI, Elisabetta BENELLI, Laura GIRALDI

Università di Firenze

ID164_ Design in the Edge. Strategies for enhancing self-innovation aptitude of fringes.

Vincenzo DEL GIUDICE (1), Pierfrancesco DE PAOLA, Fabiana FORTE (2)

(1)Università Federico II Napoli (2) Università della Campania 'Luigi Vanvitelli'

ID101_ Cultural assets and earthquake disasters: evaluation of the damage

Antonella DIANA, Valerio BORGIANELLI SPINA

Enhancement Area - Educational Services – Marketing, Royal Palace of Caserta

ID114_ The Reggia di Caserta's Treasure Hunt

Daniela PALOMBA

Università della Campania 'Luigi Vanvitelli'

ID122_ ART and perceptual ARTifices

Laura FLORIANO, Mariangela LIUZZO, Giuseppe MARGANI

University of Enna Kore

ID38_ The Baroque Domes in Catania (Sicily)

Maria NATALE

Pegaso University

ID41_ The resilience of ideas. The effects of the plague: law, commerce and legal ideas between the end of the 17th century and the beginning of the 18th century.



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16 June 2017, Capri, Hotel La Palma, Sala Pagano ([Google Maps](#))

14.30 Welcome coffee

15.00 Parallel session

Chair: Carmine GAMBARDELLA

Lectio Magistralis

Paolo PORTOGHESI, Accademico dei Lincei

Un disastro annunciato: la fine del lavoro / An announced disaster: the end of job.

Speakers

Marika MANGOSIO, Pia DAVICO
Politecnico di Torino

ID39_ The color-material relation in the social housing of the early twentieth century in Turin: knowing to protect a fragile value

Pia DAVICO, Manuela MATTONE
Politecnico di Torino

ID48_ The Alpine villages of Val Sangone: a heritage in danger

Emilia GARDA, Marika MANGOSIO, Emmanuel PELLEGRINO
Politecnico di Torino

ID61_ The role of new types of urban green for the environmental regeneration of the contemporary city

Gabriele AJO'

Roma Tre University, Italy

ID03_ Tivoli, a site of world heritage changing through time: catastrophic events which have hit the city

Nadia FABRIS

Politecnico di Torino

ID05_ From disaster to regeneration

Bernardino CHIAIA, Valerio DE BIAGI

Politecnico di Torino



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ID07_ Mechnomics: design thinking for growth and resilience of socio-technical organizations

Tiziana Firrone

University of Palermo

ID10_ The brick furnace of Pisciotto Country, in Scicli: an example of "human disaster"

Antonio BIXIO, Enza TOLLA, Giuseppe DAMONE, Carlo PLASTINA

Università della Basilicata

ID11_ Emergency and Survey. The use of photo modeling to document bthe minor heritage after a natural calamity

Michele MONTEMURRO

Politecnico di Bari

ID14_ Reconstructing an ancient country. Settlement and housing models for post-quake reconstruction.

16 June 2017 Capri, Hotel La Palma, Sala Relais [\(Google Maps\)](#)

15.00 Parallel session

Chair: Nicola PISACANE

Alberto SDEGNO, Silvia MASSERANO

Università di Trieste

ID19_ Reloading the Imperial Hotel by Frank Lloyd Wright Graphic Analysis and Virtual Rebuilding

Maria Paola GATTI, Giorgio CACCIAGUERRA

University of Trento

ID21_ Conservation, leverage and innovation of minor religious architectural works

Fulvio RINAUDO

Politecnico di Torino

ID24_ Geomatics tools to record 3D shapes for intervention planning

Roberto ORAZI, Francesca COLOSI, Giovanna CRESCIANI, Damiano PORTARENA
CNR-ITABC

ID27_ Conservation and valorization of Iraqi Kurdistan's Cultural Heritage: an Archaeological Park against war damages



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Federica CAPRIOLO
Architect, Building Manager Groma srl
ID30_Revival from Disaster

Beata MAKOWSKA
Cracow University of Technology, Krakow, Poland
ID32_The impact of the great fire of Krakow in 1850 on the shapes of town houses and urban tissue transformation

Cristina COSCIA, Chiara SENATORE
Politecnico di Torino
ID35_Defense heritage: strategies for disposal and use. The case of the “La Marmora” Barracks in Via Asti, Turin

Paolo BELARDI, Valeria MENCHETELLI, Simone BORI, Luca MARTINI, Laura NARDI, Giovanna RAMACCINI
Università di Perugia
ID40_ARTQUAKE. The artistic performance rule in the post earthquake reconstruction

Jim Cogswell
University of Michigan
ID46_ Cosmogonic Tattoos: Ornament and Plunder

Chiara Lorenza REMONDINO, Barbara STABELLINI, Andrea GAIARDO, Paolo TAMBORRINI
Politecnico di Torino
ID49_ From Territory Patrimony to Food Innovation Design

Giulia DE LUCIA, Rosario CERAVOLO, Giuseppa NOVELLO
Politecnico di Torino
ID51_ High-strength cable systems for the seismic protection of historical domes: a multidisciplinary approach

Antonio BOSCO, Barbara DI VICO, Rossella FRANCHINO
Università della Campania ‘Luigi Vanvitelli’
ID74_ Social and ecological issues in the urban open spaces regeneration

16 June 2017_21.00_ Gala Dinner. GALEOTTA HOME, Capri ([Google Maps](#))



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17 June 2017, Capri, Hotel La Palma, Sala Pagano ([Google Maps](#))

9.30 Parallel session

Chair: Pasquale ARGENZIANO

Invited speakers

Vincenzo SIVIERO, IUAV Venezia

Tatiana Kirova, Uninettuno University

The role of intangible aspects in conservation and promotion strategies of Matera and its surrounding territory

Florian NEPRAVISHTA, Polytechnic University of Tirana, Albania

Redesign of two Italian architecture heritage buildings in Tirana: Vittorio Ballio Morpurgo and Gherardo Bosio Works

Speakers

Steve Mah, ITRES

Detection of potential archeology sites and environmental mapping with airborne broadband thermal and hyperspectral imaging

Angela Alessandra BADAMI

University of Palermo

ID246_ The Resilience of the Valley of Temples Among Natural Calamities and Social Disasters

Tiziana CAMPISI, Liucija Berežanskytė

Università di Palermo

ID54_ High-strength cable systems for the seismic protection of historical domes: a multidisciplinary approach



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Carol COFONE

Rutgers, the State University of New Jersey

ID57_ Modern Memory Palaces for L'Aquila, Amatrice and Norcia, Italy

Angelo MONTELEONE, Vincenzo SAPIENZA

Università di Catania

ID58_ Rehabilitative detention and building rehabilitation: an 'open prison' in the Industrial Archaeology Sicilian Heritage

Mahmut AYDIN, Saadet GUNER

Batman University, Turkey

ID64_ UNESCO - Cultural Heritage Protection Handbook and Core Principles

Maria Elisabetta RUGGIERO

Università di Genova

ID66_ Architecture & ships: a dangerous out of scale passage

Maria Linda FALCIDIENO

Università di Genova

ID68_ Representation and historical and procedural typology as contribute to resilience

Sandro PARRINELLO, Francesca PICCHIO, Raffaella DE MARCO

Università di Pavia

ID72_ New generations of Digital Databases for the development of Architectural and Urban Risk Management

17 June 2017, Capri Hotel La Palma, Sala Relais [\(Google Maps\)](#)

9.30 Parallel session

Chair: Carmine Maffei

Cesare VERDOSCIA, Giovanni MONGIELLO, Mario DI PUPPO, Riccardo TAVOLARE,
Gaetano PUGLIESE

Politecnico di Bari

ID95_ The BIM model for the study of historical buildings. "Palazzo del Sedile" - Bari

Maria João PEREIRA NETO, Jorge NUNES, Raffaella MADDALUNO

University of Lisbon



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ID97_ The effects and consequences of the earthquake of 1 November 1755 in Southern Portugal - from devastation to renewal

Pietro CRESPI, Marco ZUCCA, Lavinia CATELLACCI
Politecnico di Milano

ID98_ The renovation of Santa Maria di Collemaggio Basilica: the intervention on the nave's columns

Marco CANCIANI, Giovanna SPADAFORA, Laura FARRONI, Matteo Flavio MANCINI, Silvia RINALDUZZI, Mauro SACCONI
Roma Tre University

ID102_ Habitat and Identity: Virtual Recomposition for the Preservation of Knowledge

Maurizio BUCCI, Gaia CANE', Paola CARRABBA, Massimiliano DE MEI, Laura Maria PADOVANI, Elisabetta PALLOTTINO, Paola PORRETTA, Adriana RUGGERI, Mauro SACCONI, Marco SBRANA, Simona SPRIZZI
ENEA, Rome, Italy

ID112_ The Park of Veio: Analysis of the historical landscape for the creation of the Geographic Information System and the Risk Map of archaeological heritage

Alexandra AI QUINTAS
University of Lisbon

ID117_ Catastrophes: Chaos, Continuity and Renewal

Barbara MESSINA (1), Pierpaolo D'AGOSTINO (2)
University of Salerno (2) Università 'Federico II' Napoli

ID118_ Rocky churches and religious cave sites on the Amalfi Coast: a thematic integrated representation with digital systems

Stefano GIANNETTI (1), Vincenzo DONATO (2)
Università di Ferrara (2) Politecnico di Torino

ID125_ Digital reconstruction after disaster: what seems to be lost

Maria Paola MARABOTTO
Polytechnic of Milan

ID132_ Pylons and votive pillars. Cognitive analysis and design of degraded cultural heritage

Enio LAPROVITERA DA MOTTA
Federal University of Pernambuco - UFPE, Recife, Brazil

ID76_ From the aesthetics of recesses to the aesthetics of elasticity. Culture and architecture project in Recife (Brazil)



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Mário S. Ming KONG
University of Lisbon

ID78_ Facing Disaster – Tracing reactions of the population on the Earthquake of 1755

Marco MEDICI, Federico FERRARI
Università di Ferrara

ID80_ Integrated survey, emergency survey

Marcello BALZANI, Federica MAIETTI
Università di Ferrara

ID90_ The preservation of memory to restore the matter. Approaches to survey and documentation of heritage at risk

13.00 Lunch. Capri, Hotel La Palma [\(Google Maps\)](#)

17 June 2017, Capri Hotel La Palma, Sala Pagano [\(Google Maps\)](#)

14.30 Parallel session

Chair: Rosaria PARENTE

Giacomo CHIESA, Mario GROSSO
Politecnico di Torino

ID149_ Environmental and Technological Design: a didactical experience towards a sustainable design approach

Takeyuki OKUBO

Institute of Disaster Mitigation for Urban Cultural Heritage, Kyoto, Japan

ID150_ Environmental Water Supply System (EWSS) for Disaster Mitigation in Seismic Fire Case Project in Kiyomizu World Cultural Heritage Zone

Piero BARLOZZINI
University of Molise

ID152_ The anthropized hypogean structures of Molise, a case study: the church of Sant'Antonio Abate at Pietracupa



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Anna MAROTTA

Politecnico di Torino

ID108_ A foundation town grown by an earthquake: Cerreto Sannita

Elena Teresa Clotilde MARCHIS

Politecnico di Torino

ID248_ Disasters and earthquakes in Western Liguria. The "earthquake of Diano Marina, 1887"

Mario CENTOFANTI, Stefano BRUSAPORCI, Pamela MAIEZZA, Gianluca SERCHIA
Università dell'Aquila

ID160_ Integrated Survey and Three-Dimensional Modeling for the Historical-Critical Study of Modern Architecture. The Colonia "IX Maggio" (1934-1937) by Ettore Rossi

Elisabetta BENELLI, Laura GIRALDI, Jurji FILIERI, Francesca FILIPPI

University of Florence

ID168_(R)4SMEs. Resilience essentials for Small and Medium-sized Enterprises SMEs

Daniele Giovanni PAPI, Franco FORZANI BORRONI

Politecnico di Milano

ID173_ About Ruining. A Representative Interpretation

Isabella FRISO, Cosimo MONTELEONE, Claudio PATANÈ

Università di Padova

ID174_ The reconstruction of Heiankyo (Kyoto): the image of a capital city between the clouds

Alberto CUSTODI, Nicola SANTOPUOLI

University of Bologna

ID175_ The Sanctuary of Santa Maria delle Grazie at Fornò: a FEM approach to seismic structural analysis

Juan CORSO, Jordi CASALS, Pilar GARCI-ALMIRALL

UPC, Barcelona

ID181_ Restitution of Barcelona at the end of the third century. Models and diffusion of the Colonia Iulia Augusta Faventia Paterna Barcino



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Rosaria PARENTE

Benecon Research Centre, Unesco Chair on Landscape, Cultural Heritage and Territorial Governance – Pegaso University

ID251_... “ dell’ armonioso ordinamento tale che tutto l’edificio riposi interamente nel disegno stesso” L.B. Alberti De Re Aedificatoria

... “ about the harmonious order that the entire building rest entirely in the same Design”

17 June 2017, Capri La Palma, Sala Relais ([Google Maps](#))

14.30 Parallel session

Chair: Alessandro Ciambrone

Cesare CUNDARI (1), Gian Maria BAGORDO (2), Gian Carlo CUNDARI (1), Maria Rosaria CUNDARI (3), Giuseppe ANTUONO (1)

(1)Università la Sapienza Roma (2) Federico II Naples (3) Università di Padova

ID227_ The lost theatre: scenography and functions of the original entrance to Villa Farnesina

Soheyl SAZEDJ

University of Lisbon

ID183_ An approach to analyze the sustainability of architectural and urban design

Luigi BIOCCA (1), Teresa VILLANI (2)

Consiglio Nazionale delle Ricerche - CNR (2) Sapienza Università di Roma

ID184_ Designing of Wayfinding as facilitator of evacuation in case of emergency: application to large museums

Antonello MONACO

Università degli Studi Mediterranea, Reggio Calabria

ID186_ Port of Ischia: From a Volcanic Crater to a Traffic Hub. Or: From a Natural Disaster to an Artificial Disaster

Ivan CAVALCANTI FILHO, Maria Berthilde MOURA FILHA

Federal University of Paraíba, João Pessoa, Paraíba, Brazil

ID188_ Santo Antônio at Paraíba and Santo Antônio at Paraguaçu: two Franciscan church interiors affected by disaster



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Massimo MALAGUGINI

Università di Genova

ID200_ Communicate to alert; know to avoid

Anna Maria ATRIPALDI, Simona CALVAGNA

University of Catania

ID201_ The design of volcanic ground, from disaster to heritage. Architecture and landscape in Macaronesia

Mariacarla PANARIELLO

Università della Campania 'Luigi Vanvitelli'

ID203_ Design driven innovation for cultural heritage

Rosa TAMBORRINO, Paolo PIUMATTI

Politecnico di Torino

ID205_ Modeling the catastrophe, and beyond. Digital History and Visualization methods for multiscale process description of the Nubia Temples flooding

Teresa CILONA

University of Palermo

ID206_ The promotion of the historical, cultural, and landscape heritage - Active citizenship

Valentina CINIERI, Emanuele ZAMPERINI

Università di Pavia

ID207_ The grand staircase of the University of Pavia: construction techniques and decay of stucco decorations

Alessandro CIAMBRONE

Benecon Research Centre, Unesco Chair on Landscape, Cultural Heritage and Territorial Governance – Pagaso University

ID300_ Representing territorial regeneration in the disastrous area of Domitio Coast in Italy