



World Heritage and  
Design for Health  
XIX INTERNATIONAL FORUM  
NAPLES 15 - CAPRI 16|17 JULY 2021

# WORLD HERITAGE and DESIGN for HEALTH

ARCHITECTURE|CULTURE|HEALTH|LANDSCAPE|DESIGN|ENVIRONMENT|AGRICULTURE|  
ECONOMY|TERRITORIAL GOVERNANCE|ARCHEOLOGY|SURVEY|HERITAGE|e-LEARNING

Le Vie dei  
Mercanti

## XIX INTERNATIONAL FORUM

Naples 15 - Capri 16 | 17 July 2021

## XIX INTERNATIONAL FORUM 'LE VIE DEI MERCANTI' WORLD HERITAGE and DESIGN FOR HEALTH

**Naples 15 July 2021**

Registration h. 9.30, Pegaso University, Zapata Palace, Piazza Trieste e Trento, 48

### General Chair

Carmine GAMBARDELLA

President and CEO Benecon University Consortium

UNESCO Chair on Landscape, Cultural Heritage and Territorial Governance



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## **LIVE STREAMING on YOUTUBE PEGASO UNIVERSITY**

### **10.00 Introduction**

**Carmine GAMBARDELLA**, President and CEO Benecon University Consortium, UNESCO Chair

**Danilo IERVOLINO**, President of the Pegaso University

**Francesco FIMMANÒ**, Scientific Director of the Pegaso University

**Matteo ROSATI**, UNESCO Regional Bureau for Science and Culture in Europe

**Anna DEL SORBO**, Naples Enterprises Union, Social Responsibilities of Enterprises

*Lectio Magistralis*

**Antonio Felice URICCHIO**, President ANVUR

### **EXPOSITION OF THE INTERNATIONAL COMPETITION OF DESIGN PROPOSALS AND ESSAY**

**Sabina MARTUSCIELLO**, President of the Course Degree in Design and Communication, University of Campania 'Luigi Vanvitelli'. Presentation of the project 'Pharmafood design'

#### **Invited Speakers**

**Orazio CARPENZANO**, Dean Faculty of Architecture and Design, University Sapienza Rome

**Maurizio CARTA**, past President Polytechnic School University of Palermo

**Cherubino GAMBARDELLA**, University of Campania 'Luigi Vanvitelli'

**Mosè RICCI**, University of Trento, Centro Linceo Interdisciplinare

**Michelangelo RUSSO**, Director Department of Architecture, University of Naples 'Federico II'

### **1:00 PM LUNCH Pegaso University, Zapata Palace**

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## Authors of the XIX Forum

2.00 PM Pegaso University, Zapata Palace

**ID001\_Rosa DE MARTINO.** *Education for culture of peace*

**ID003\_Takeyuki OKUBO, Yurika TANIGUCHI, Dowon KIM.** *The capacity estimation of historical temples and shrines in Kiyomizu World Cultural Heritage area for supporting evacuation life of visitors in disaster*

**ID004\_Caterina GATTUSO, Domenico GATTUSO.** *Main architectonic structures in the Grecanic Area. A tourist-cultural route*

**ID005\_Anna Lisa PECORA.** *Virtual environments for an inclusive heritage*

**ID006\_Marco CALABRO', Laura PERGOLIZZI.** *The transition process towards promoting energy efficiency in view of urban regeneration: the "case" of energy plants powered by geothermal source*

**ID007\_Tiziana CAMPISI, Manfredi SAELI.** *Institute of the Holy Heart in Palermo: proposal of architectural and technological rehabilitation for post-pandemic social housing*

**ID008\_Alexandra AI QUINTAS, Mário SALEIRO FILHO.** *Serra da Estrela: Sanatoria on the Portuguese Magic Mountain?*

**ID009\_Laura GRECO, Francesco SPADA.** *The Case Albergo built in northern Italy in the 1950s-1960s: An example of resilient housing*

**ID010\_Maria MARTONE.** *The Roman road "per colles" between Puteoli and Neapolis. The drawing of some testimonies*

**ID013\_Cesare CUNDARI, Giuseppe ANTUONO, Maria Rosaria CUNDARI, Gian Carlo CUNDARI.** *Virtual fruition models of the geometric and chromatic space of Villa Farnesina*

**ID014\_Martina D'ALESSANDRO.** *A new way of dwelling*

**ID016\_Giorgia CECCONI, Giulia LOPES FERREIRA.** *Methods and Strategies for Recognition, Enhancement and Fruition of Theatrical Architecture in Rome's historic center*

**ID019\_Domenico D'UVA, Federico EUGENI.** *Multiscalar analysis of a fragile territory. Innovative methods and related issues*

**ID020\_Cristina BOIDO, Anuradha CHATURVEDI, Gianluca D'AGOSTINO.** *Cultural heritage and its enjoyment in pandemic times: comparison of cultural approaches in India and Italy*

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**ID025\_ Gigliola AUSIELLO, Manuela COMPAGNONE, Francesco SOMMESE.** *Urban spaces' health: green and dry technologies for conservation of historic paving stones*

**ID026\_ Francesca TOSI, Claudia BECCHIMANZI, Mattia PISTOLESI.** *The role of Design for Health and of the Human-Centered Design approach for an ethical and conscious development of innovative Quality of Life Technologies*

**ID027\_ Brunella CANONACO.** *What future for disused villages after the pandemic? Some examples of distributed hospitality in southern Italy*

**ID028\_ Cristiana BARTOLOMEI, Cecilia MAZZOLI, Caterina MORGANTI.** *Architecture as a care to Health: the case of Paimio Sanatorium*

**ID030\_ Marco MORANDOTTI, Massimiliano SAVORRA.** *Pavilion's Hospital typology: a surpassed solution or an opportunity for tomorrow?*

**ID031\_ Lucrezia LONGHITANO.** *The importance of an interdisciplinary approach for the study and conservation of the architectural heritage and its cultural construction*

**ID032\_ Claudia CENNAMO, Bernardino CHIAIA.** *Structural design criteria for safety by monitoring of the architectural heritage damage*

**ID034\_ Concetta TAVOLETTA.** *Post Covid19 city. New ideal scenario*

**ID037\_ Giada PAOLUCCI, Giovanni SANTI.** *Earth as a building material, the challenge of a traditional material in the 21st century Case study: Farewell room for the Serrenti cemetery in Sardinia*

**ID041\_ Arturo AZPEITIA.** *The role of culture in the new context derived from the health crisis of COVID-19*

**ID042\_ Pedro António JANEIRO.** *The Drawing and the "Cocoon-House" or The Drawing and the "Cocoon-Home": The blue and the other colors of the sky, and the greens under it*

**ID044\_ Federica ARCANGELI, Asia BARNOCCHI, Angela MOCCI, Giulia SCARANGELLA.** *Redesigning living spaces following covid-19. A multidisciplinary study*

**ID047\_ Valentina GIACOMETTI, Alessandro GRECO, Francesco MECOJ.** *Approaches and solutions for inclusive parks in the "new normal". The case study of the Vernavola Park in Pavia, Italy*

**ID048\_ Miguel BAPTISTA-BASTOS.** *Lisbon today: Heritage and Design for the Health of a city*

**ID050\_ Emanuela SORBO, Gianluca SPIRONELLI.** *The "Unfinished" church of Brendola. Digital strategies for the management of cultural heritage*

**ID051\_ Clelia CIRILLO, Loredana MARCOLONGO, Barbara BERTOLI.** *Smart Cartography for knowledge of the Cultural Heritage of the Historic Center of Naples*

**ID052\_ Patrizia BURLANDO, Sara GRILLO.** *Climate design: a resource for the post-pandemic world*

**ID053\_ Piero BARLOZZINI.** *A sacred structure in pre-Roman Samnium*

**ID055\_ Natalina CARRÀ.** *Landscape and cultural heritage as wellbeing builders. New vision and resemantization processes for Precacore*

**ID060\_ Tiziana FERRANTE, Teresa VILLANI, Luigi BIOCCA.** *Prefiguring the reuse of historic hospitals: an approach methodology to design in the digital age*

**ID061\_ Laura RICCI, Francesco CRUPI, Irene POLI.** *Urban regeneration and new welfare. For a reconfiguration of the Network of public services for health*

**ID062\_ Roberta ZARCONE.** *Built environment for hygienic and energy performances: comparative analysis between studies at the turn of the 20th century and current literature*

**ID063\_ Fernanda CANTONE.** *Enhancing the consolidated public space for social well-being. Interventions on the historic centre of Trecastagni, Sicily*

**ID064\_ Giovanni MONGIELLO, Cesare VERDOSCIA, Ermolina CELAMI.** *Octagonal architectures between religious and power symbols*

**ID068\_ Massimo MALAGUGINI.** *Heritage between identity, memory and evolution*

**ID069\_ Ivana CARBONE, Domenico PASSARELLI, Ferdinando VERARDI.** *Living in comfortable, identity and evolving spaces*

**ID071\_ Silvia PARENTINI, Anna VERONESE.** *Reading a territory through the recovery of ancient routes: the case of Matera*

**ID077\_ Michela BENENTE, Cristina BOIDO, Valeria MINUCCIANI.** *Multimedia experiences for inclusive communication of archaeological heritage*

**ID078\_ Fedinando VERARDI.** *The environment resource and public intervention: ecological networks and local development. Case study Calabria Region*

**ID079\_ Ferdinando VERARDI, Silvia PALDINO, Vincenzo Alfonso COSIMO.** *In the post-pandemic phase: do we need urban planning?*

**ID081\_ Alessandro SCANDIFFIO.** *Mapping green spaces and slow mobility connections in the city of Turin. Analysis and design strategies in the field of proximity tourism*

**ID082\_ Domenico PASSARELLI, Luigi ACITO, Ferdinando VERARDI, Ivana CARBONE, Ferruccio LIONE.** *The regeneration of peripheral spaces. The case of Borgo La Martella in Matera*

**ID084\_ Nicolò PERSIANI, Angelita BITONTI.** *Reform of healthcare organizational models in Italy: study and evaluation of development processes. The strategic role of training*

**ID085\_ Ana VASCONCELOS.** *The home as world heritage between nature and culture, privacy and relationality*

**ID087\_ Andrea ROLANDO, Alessandro SCANDIFFIO.** *The circle line “AbbracciaTO”: an infrastructure in Turin for active proximity tourism as a driver of territorial transformation for a healthy city*

**ID089\_ Chiara INGROSSO.** *The post-war industrial reconstruction of Naples: the contribution of the Studio Architetti Mendia Carile-Maione*

**ID090\_ Riccardo RENZI.** *Bamiyan Unesco Heritage Site. Memory of places*

**ID091\_ Alessandro BIANCHI.** *Corridor landscapes along Po river: Cremona’s case*

**ID092\_ Antonio BOSCO.** *The perception of landscape*

**ID 094\_ Giorgio DOMENICI.** *Knowledge and Conservation: The recovery of an underground path*

**ID 097\_ Laura LA ROSA, Luigi PELLEGRINO, Matteo PENNISI.** *Catania upside-down*

**ID098\_ Marialaura CALOGERO, Luigi PELLEGRINO, Graziano TESTA.** *Catania: ‘Progetti minimi’*

**ID099\_ Bahar ELAĞÖZ TİMUR, Burak ASİLİSKENDER.** *Heritage Resilience as a New Perspective of Sustainable Conservation*

**ID100\_ Piero BARLOZZINI, Laura CARNEVALI, Fabio LANFRANCHI.** *The Fresco of Saint Leonard in the Episcopio of Ventaroli in Carinola*

**ID101\_ Gianfranco GIANFRIDDO, Luigi PELLEGRINO, Matteo PENNISI.** *The Countryside: a big House*

**ID102\_ Nicola LA VITOLA.** *Coastal Architecture. Characteristics of specificity and expression of local identities*

**ID104\_ Amalia GIOIA.** *Protection and development of Real Sites: two experiences compared*

**ID106\_ Michele D’OSTUNI, Leonardo ZAFFI.** *Nurturing cities: pathways towards a circular urban agriculture*

**ID107\_ Laura ALECRIM.** *The rise and obsolescence of Brazilian Leper Colonies*

**ID113\_ Marco L. TRANI, Maria RUSCHI, Andrea CANTELMO.** *Automated BIM information flow for internal comfort conditions in an historic building*

**ID115\_ Serena VIOLA, Maria Rita PINTO, Stefania DE MEDICI.** *Healing and empowering the younger generations with services and residences for long life learning*

**ID118\_ Daniele DABBENE.** *'Distretto Sociale Barolo' in Turin: permanence and transformation of a complex for health and social inclusion*

**ID119\_ Teresa CILONA.** *The Cultural and landscapes heritages: mobility, fruition and accessibility by all*

**ID120\_ Antonio BIXIO.** *Green Projects: architectural design tools for nature. Planning and recovery opportunities for our cities*

**ID123\_ Salvatore LOSCO, Claudia de BIASE, Irene D'AGOSTINO.** *A resilient and sustainable urban space: the Siemens factory in Santa Maria Capua Vetere (CE)*

**ID125\_ Massimiliano AGOVINO, Maria Carmela GAROFALO, Sabina MARTUSCIELLO.** *Cultural access and effects on the health and social participation of people with disabilities. The Italian case*

**ID126\_ Massimiliano CERCIELLO, Maria Carmela GAROFALO.** *Does culture tear down barriers? The effect of cultural consumption on mental disability in Italy. An empirical investigation*

**ID127\_ Danila JACAZZI.** *Forgotten architecture: the Real Casino della Lanciolla*

**ID131\_ Pasquale MIANO, Adriana BERNIERI.** *The topic of urban care and architectural heritage: the case study of Naples from Sanità to Scampia quarter*

**ID135\_ Janet HETMAN, Federica APPENDINO.** *Healthcare architecture and sustainable reuse. The case study of the ancient hospital Saint- Vincent-de-Paul in Paris*

**ID137\_ Vincenzo GIOFFRÈ, Chiara CORAZZIERE.** *Design for health in the landscapes of Southern Italy: the Widespread Park of Knowledge and Wellbeing*

**ID138\_ Alessandra BADAMI.** *Health as an Institutional Commitment. The conversion of Nordkraft from a Power Station to a Cultural and Health Centre*

**ID139\_ Concetta CUSANO, Alberto SAPORA.** *Structural design criteria for safety by monitoring of the architectural heritage damage: new proposal*

**ID140\_ Giuseppe D'ANGELO, Rosaria SAVASTANO.** *Medieval buildings: from defence systems to social aggregation centres*

**ID141\_ Mariarosaria ANGRISANO, Francesco FABBROCINO.** *The relation between Life Cycle Assessment and the historic buildings energy retrofit projects*

**ID146\_ Paolo MELLANO.** *The architecture design at different scales: a question of landscape*

**ID149\_ Nunzia BORRELLI, Lisa Nadia Roberta PIGOZZI.** *The Ecoheritage Project: How Ecomusems can reinforce the relationship between culture and nature*

**CAPRI, CENTRO POLIFUNZIONALE INTERNAZIONALE, 16 JULY 2021 H. 3.00 PM**

### Round Table

**Carmine GAMBARDELLA**, President and CEO Benecon University Consortium, UNESCO Chair

**Gianfranco NICOLETTI**, Rector University of Campania 'Luigi Vanvitelli'

**Giuseppe PAOLISSO**, past Rector University of Campania 'Luigi Vanvitelli'

**Orazio CARPENZANO**, Dean Faculty of Architecture and Design, University Sapienza Rome

**Maurizio CARTA**, past President Polytechnic School University of Palermo

**Cherubino GAMBARDELLA**, University of Campania 'Luigi Vanvitelli'

**Mosè RICCI**, University of Trento, Centro Linceo Interdisciplinare

**Michelangelo RUSSO**, Director Department of Architecture, University of Naples 'Federico II'

**CAPRI, CENTRO POLIFUNZIONALE INTERNAZIONALE, 17 JULY 2021 H. 10.00 AM**

### General Chair: Carmine Gambardella

**Francesca MUZZILLO**, University of Campania, Invited Speaker  
*Climate Change and Design for Health*

**ID015\_ Anudeep MADURI, Shyam Sundar CHAMARTI, Rossana MANCINI.** *The Church of San Primitivo in Gabbii: From the origin to the ruins*

**ID017\_ Pablo Manuel MILLÁN-MILLÁN, Simona BELMONDO, Javier MUÑOZ GODINO.** *Searching for the Human scale: transformations and "cultural heritage metabolisms" in the Monastery of Santa Clara de la Columna in Belalcázar (Cordova, Spain)*

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**ID021\_ Stefania QUILICI GIGLI, Salvatore PIRO.** *Extensive geophysical surveys to integrate excavations data for the enhancement of the archaeological heritage: experiences in Norba*

**ID022\_ Efisio PITZALIS, Geneviève HANSEN, Marco RUSSO.** *Form and role of the market in the contemporary city*

**ID023\_ Maria GELVI.** *Doorroom: living in the city of rooms*

**ID029\_ Laura FARRONI, Giulia TAREI.** *Culture of the digital project as the culture of others: the digitization of the Pompeo Hall at Palazzo Spada in Rome*

**ID038\_ Maria Carola MOROZZO DELLA ROCCA, Chiara OLIVASTRI, Giulia ZAPPIA.** *Cultural Inland Design. Products and services for territorial and people enhancement*

**ID039\_ Chiara BENEDETTI.** *The Sanatorium of Bucaille in Aincourt (1929-1933): the analysis of the site, between modern architecture and landscape, from the political project to the current need for conservation*

**ID054\_ Tatiana KIROVA, Davide MEZZINO.** *Documenting the intangible aspects of built heritage: the compared results of international field experiences in Mexico and Bahrain*

**ID056\_ Roberta Maria DAL MAS.** *The design activity of Orazio Torriani in the Lazio possessions of the Orsini family*

**ID065\_ Francesca MUZZILLO, Fosca TORTORELLI.** *Agro-food Museums. A Knowledge Resource for Environmental and Social Wellness*

**ID070\_ Cristian BARBIERI1, Sofia CELLI, Federica OTTONI.** *The case of the oratory of San Rocco in Soragna (Parma): from abandonment to health facility. an integrated restoration processes*

**ID072\_ Dominik LENGYEL, Catherine TOULOUSE.** *The Cultural Heritage of Roman Baths from an Architectural Perspective*

**ID073\_ Maria Carolina CAMPONE.** *De morbo epidemiali nolano: an epidemic of the past and a warning for the future*

**ID074\_ Mariacarla PANARIELLO.** *Redesign the present*

**ID075\_ Gianluca CIOFFI.** *Centuria Medical and Wellness Park*

**ID080\_ Saverio CARILLO.** *The Neapolitan Riggola as design for health*

**ID093\_ Natasa ZIVALJEVIC-LUXOR, Hartmut PASTERNAK.** *Healthy living in heritage buildings and resilience by design*

**ID095\_ Colomba LA RAGIONE, Adriana ESPOSITO.** *The impact of COVID-19 on Food socio-cultural meanings*

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**ID096\_ Cesare VERDOSCIA, Antonella MUSICCO, Riccardo TAVOLARE.** *Geometric reliability evaluation in Scan to BIM process, the case study of Santa Croce monastery*

**ID110\_ Michela BAROSIO, Andrea TOMALINI, Rebecca CAGNOTTO.** *HEAL – Housing for Emergency and Affordable Living (English abstract)*

**ID117\_ Tiziana CAMPISI, Simona COLAJANNI.** *Design for all, a strategic chance for the Arab and Norman UNESCO itinerary in Palermo*

**ID122\_ Liala BAIARDI.** *From a disused industrial area to an innovative sustainable campus in Milan*

**ID132\_ Barbara MESSINA, Stefano CHIARENZA, Andrea DI FILIPPO.** *Digital for sustainable use of cultural heritage: the Baptistery of Nocera Superiore*

**ID142\_ Andrey V. VASILYEV.** *Research, Mapping and Reduction of Infrasound Radiation in Conditions of Urban Territories on the Example of Samara Region of Russia*

**ID143\_ Andrey V. VASILYEV.** *Experimental Research and Modeling of Automobile Transport Noise (Russian Experience)*

**ID144. Enrico PIETROGRANDE.** *MUSME, Museum of the History of Medicine, Padua (Italy). A tool for the dissemination of medical-scientific culture*

**ID145. Dora FOTI, Maria Francesca SABBA, Michela LERNA.** *Fortified complexes in Puglia: macroelements structural analysis and consolidation proposals for the restoration of the Ginosa Castle*

**ID 147\_ Paolo ROSSI, Martina GIANNINI, Francesco MANCINI.** *UAV photogrammetry, a feasible methodology for the documentation of shallow water geoaerchaeosites*

**ID 148\_ Maria Paola GATTI, Deanna DALLA SERRA, Giorgio CACCIAGUERRA.** *From a hydroelectric power centre to an arts centre: the regeneration of the Fies hydroelectric power station in the Sarca valley*

**ID 150\_ Rosaria PARENTE.** *Drawing the time through HBIM: the case study of San Lorenzo ad Septimum in Aversa*

**ID152\_ Paolo PISCITELLI.** *The evolution of the sacred hill*

**ID 160\_ Alessandro CIAMBRONE.** *Design of landscapes out of context*

**17 JULY 2021 H. 9.00 PM  
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Via Don Giobbe Ruocco, Capri**

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