

ARCO 2020 Conference

Firenze | Florence, 21-23 settembre | September 2020

Monday 21 September: Conference Opening and technical sessions

Firenze, Rettorato dell'Università di Firenze, Aula Magna, Piazza San Marco, 4

09.00 – 11.00 Registrations

11:00 – 12:00 Welcome speeches

Luigi Dei, Rettore dell'Università di Firenze

Sara Funaro, Assessorship "Educazione, Università e Ricerca, formazione professionale, diritti e pari opportunità" Florence Municipality)

Giuseppe De Luca, Vice-Director of the Dipartimento di Architettura dell'Università di Firenze

Giorgio Caselli, Executive of the Florentine Municipality

12.00 – 13.00 Key Lecture

Prof. M. Sassu: "Protecting the archaeological heritage from structural risks: some significant cases", DICAAR, University of Cagliari

Firenze, Santa Teresa Venue, Dipartimento di Architettura, via della Mattonaia, 8

14.00 – 15.30 Plenary lectures (ROOM 401)

Safety and diagnostic

M. Pianigiani: "Correlation analysis between churches and their artistic content in terms of damage. A damage map of Italian Cultural Heritage through four Regions after the 2016 earthquake", Ministero per i Beni e le Attività Culturali e per il Turismo

Design and Museums design

R. Liberotti: "The gipso|TECA of the University of Perugia: conversion of a heritage building in a plaster cast gallery", DICA, University of Perugia

Digital Heritage:

M. Russo: "CH representation between Monge's projections and Augmented Reality" Dipartimento di Storia, Disegno e Restauro dell'Architettura a Roma Sapienza

Historical Research:

F. Funis, "The international consultation for the new exit on via dei Castellani and the "Nuovi Uffizi" project: a missed combination", DIDA, University of Florence

15.40 – 17.40 Poster Session (TERRACE ROOM)

Chairmen: G. Verdiani

L. Zaffi, A. Capestro, S. Viti, "Code-compliant structural design for site-specific works of art: a case-study", DIDA, University of Florence

E. Lucini, C. Marchetti, E. Gesualdi, M. Rambelli, "MINIMAL INTERVENTIONS - Leveraging on applied research to introduce small, yet radical, acts of change in the museum experience", AIPAA - Associazione Italiana Psicologia Ambientale e Architettonica

G. P. Cimellaro, M. Tanganelli, M. Domaneschi, S. Viti, "Developing a laboratory facility to assess friction coefficients of standing samples", DISEG, Politecnico di Torino and DIDA, University of Florence

O. Galatolo, "Physical Architectural Models Heritage and AR/VR Technologies: studies and perspectives", DIDA, University of Florence

A. Pasquali, Y. Ricci, "The digitalization of the Cultural Heritage for a non-invasive study on Architecture", DIDA, University of Florence

P. Arslan, "A museum in between: Troy; past, present, future", Delft University of Technology

15.40-17.40 Technical session (ROOM 401)

Chairmen: F. Collotti, A. Brodini

Contributions:

A. Diana, C. Giometti, "Between art and documents: exhibitions in Florence between the nineteenth and twentieth centuries", DIDA, University of Florence

G. Cerri, "Museography and Seismic Hazard: the design project of the Majolica Room - National Museum of Bargello, Florence", DIDA, University of Florence

W. Cortes Casarrubios, "Renzo Piano and his project for the Vedova Foundation in Venice", University of Udine

G. Aleix Barbera, "Three different digitization techniques for works of art: RTI, photogrammetry, and laser scan arm. Advantages and drawbacks in the practical case of a Romanesque lipsanoteca", Universitat de Lleida

E. Martinelli, "Rebuilding the ruins. Mediterranean open-air museums", DIDA, University of Florence

15.40 – 17.40 Technical session (ROOM 402)

Chairmen: S. Viti, S. Galassi, M. Tanganelli

Contributions:

R. Gagliardo, G. Terracciano, L. Cascini, F. Portioli, R. Landolfo "The prediction of collapse mechanisms for masonry structures affected by ground movements using Rigid Block Limit Analysis", University of Napoli "Federico II"

M. Monaco, A. Manzo, M. Aurilio, A. Tafuro, "Resilience of museum contents", DING, University of Campania

M. Betti, G. Bartoli, V. Bonora, A. Conti, L. Fiorini, V. Cerisano Kovacevic, V. Tesi, G. Tucci, "From TLS data to FE model: a workflow for studying the dynamic behavior of the Pulpit by Giovanni Pisano in Pistoia (Italy)", DICEA, University of Florence

N. Cavalagli, M. Giofrè, S. Grassi, V. Gusella, C. Pepi, G.M. Volpi, "On the accuracy of UAV photogrammetric survey for the evaluation of historic masonry structural damages", Dipartimento di Ingegneria Civile ed Ambientale, University of Perugia

S. Galassi, M. L. Satta, N. Ruggieri, G. Tempesta, "In-plane and out-of-plane seismic vulnerability assessment of an ancient colonnade in the archaeological site of Pompeii (Italy)", University of Florence

M. Vicario, C. Balocco, M. De Vita, "An experimental methodological approach aimed to preventive conservation and sustainable adaptive use of the cultural heritage", DIDA, University of Florence

Social and cultural sessions

Firenze, Villa Viviani, Via Gabriele D'Annunzio, 230, 50135 Firenze FI

18:30 – 22.30 Welcome cocktail, with the participation of Moni Ovadia and music concerto by Alessandra Garosi

Tuesday 22nd September, September, technical sessions

Online

09:00 – 10:30 Technical Session “Safety and Diagnostic, Special Session #2”

Chairman: S. Galassi, P. Zampieri, N. Cavalagli, L. Rovero

Contributions:

A. Boostani, G. Misseri, L. Rovero, U. Tonietti, “The consolidation strategy of the Noh Gonbad mosque vestiges in Balkh (Afghanistan)”, University of Florence

C. Mileto, F. Vegas, V. Cristini, L. García, “Initial assessment of multi-risk social vulnerability for Iberian earthen traditional architecture”, Universitat Politècnica de València

L. Papaloizou, E. Sarris, P. Polycarpou, P. Komodromos, “Earthquake vulnerability of ancient multi-drum columns with a single epistyle”, University of Nicosia, Cyprus

N. Vaiana, D. Pellicchia, L. Rosati, “Comparative Assessment on the Rocking Response of Seismically Base-Isolated Rigid Blocks”, University of Napoli

11:00 – 12:30 Technical session “Museum Design”

Chairman: G. Cerri

Contributions:

U. Velo, “Shaping spaces for exhibitions”, University of Ferrara

M. Aricò, L. Tizi, D. Ferrario, M. Campanaro, “The impact of museum design on visit experience from an environmental psychology perspective”, AIPAA Associazione Italiana Psicologia Ambientale e Architettura

A. Benfante, “Exhibition Architecture in Turin. Through the gaze of Pier Luigi Nervi”, University of Florence

A. Vokshi, “Buncart Tirana: dialogue between the regimes in Albania”, Politecnica University of Tirana, Albania

B. Lupo, “Architecture, museography and museology in dialogue: analyzing the Museum of Tomorrow”, University of São Paulo

F. Broglia, “The Military Museum of the Polo di Mantenimento Pesante Nordin Piacenza”, Università Ecampus, Italy

14:00 – 15:30 Technical Session “Safety and Diagnostic, Special Session #1”

Chairmen: A.M. Reinhorn, S. Viti

Contributions:

A.M. Reinhorn, S. Viti “Monumental buildings used as museums: Protection or danger for the artifacts?”, SUNY University at Buffalo, University of Florence

M. Monaco, A. Manzo, M. Aurilio, A. Tafuro, “Resilience of museum contents”, DING, University of Campania

G.P. Cimellaro, M. Tanganelli, M. Domaneschi, S. Viti, “Damage risk assessment of historical asset using laser scan and finite element approach”, Politecnico di Torino, University of Florence

M. Paradiso, S. Garuglieri, V. Ferrarini, “The Convent of Santa Teresa de Jesús in Havana: analysis, consolidation and restoration for the New Museum of Sacred Art”, University of Florence

16:00 – 19:00 Technical session “Digital Heritage”

Chairman: G. Verdiani

Contributions:

G. Pescarmona, “Technology and Religious Architecture: a Virtual Reconstruction of the Tramezzo at Santa Croce in Florence”, SAGAS, University of Florence

M. Loddo, “3Depot. A dynamic representation of a museum storage facility”, Delft University of Technology

P. Puma, “The archaeological survey for the conservation of memory, the first step of the Volterra in 3D Project”, DIDA, University of Florence

L. Pasqualotti, “Contemporary Architecture rising from Tradition. San Francesco in Pitigliano”, University of Florence

E. Faresin, L. Zamparo, “Documentation and Digitalization of Ceramic Collections in Veneto: the MemO Project”, Department of Cultural Heritage, University of Padua

A. Ferrighi, “Teaching Tools and Methods for Doing History. The History of Architecture in the Digital Era”, Università Iuav di Venezia

P. Formaglini, G. Giansanti, S. Giraudeau, A. Peruzzi, “From mega to tera: Data storage and its diffusion for large-scale photogrammetric surveys”, DIDA, University of Florence

B. Ramesh, A. Menon, K. Varghese, “Remote Rapid Visual Assessment (RRVA) in the Conservation of a Dilapidated Historic Temple”, Indian Institute of Technology Madras

C. E. Catalano, S. Marziali, M. Spagnuolo, “Documenting the restoration process in 3D digital catalogues”, Accademia di Belle Arti di Verona / CNR IMATI

N. Lecci, “Documenting cultural heritage in rural areas for its understanding and for a development perspective: a map for the Orsini Park in Pitigliano”, University of Florence

Wednesday 23rd September, technical sessions

Online

09:00 – 10:30 Technical session “Historical Research”

Chairman: A. Brodini

Contributions:

B. Mazzanti, “Exhibiting the garden: An idea and its phenomenology in Florence from the 1930s to the 1950s”, University of Florence

E. Ferretti and L. Mingardi, “Trait d’union with history. Leonardo Savioli’s staging of the exhibitions Firenze ai tempi di Dante and La casa abitata (1965)”, University of Florence

M. Bassanelli, “Tracing a History of Etruscan Art Exhibitions”, Politecnico Milan, USI-Mendrisio

11:00 – 12:30 Technical session “Historical Research”

Chairman: A. Brodini

Contributions:

N. Robbins, “Museological Value Discussion Promotes Sustainable Heritage”, University of Helsinki

G. Olsson, “The Turkish Modernist Osman Hamdi Bey and his view on Artefacts”, University of Gothenburg

L. Ciccarelli, “Renzo Piano, Dominique de Menil and the Artifice of Intimacy”, University of Florence

14:00 – 16:00 Technical session “Safety and Diagnostic”

Chairmen: G.P. Cimellaro, M. Domaneschi, M. Tanganelli, S. Galassi

Contributions:

A. Mignoli, N. Aste, C. Del Pero, F. Leonforte, H. Huerto Cardenas, “Energy and economic assessment of HVAC solutions for the armoury hall at the Palazzo Ducale in Mantua”, Politecnico di Milano

F. Scieurpi, L. Pierangioli, A. Ghelli, ““La Specola” Museum in Florence: Environmental Monitoring and Building Energy Simulation”, University of Florence

M. Paradiso, E. Conte “The San Lorenzo complex in Pistoia: a monument returned to the city”, University of Florence

M. Coppola, G. Poli, G. Tempesta, “Villa San Marco at Stabia. Dynamics of decay and perspectives for deepening and safeguarding”, University of Florence

P. Zampieri, Cyrille Denis Tetougueni, Carlo Pellegrino, “Rigid-block analysis of archeological elements retrofitted with external post-tensioning system”, University of Florence, University of Padova

G.Pancani, M. Bigongiari, “Digital survey for the structural analysis of the Verruca fortress”, University of Firenze

16:30 – 18:00 Round Table and closing of the Conference

Guidelines for the participants:

All the participants to the conference can access the ONLINE sessions (21st, 22nd and 23rd September) and the ONSITE session (in Florence, only on the 21st September, Morning: Main Hall of the University, Piazza San Marco, 4). All the participants who received the invitation to the Google Meet sessions are allowed to invite other participants/authors.

The Platform used for all the conference session is GOOGLE MEET in case of difficulties do not hesitate to contact the Conference Board at info@arcoconference.com or the Chairmen/women of your session (note that all the address from the DIDA Department are: name.surname@unfi.it).

The duration of each presentation during the sessions is about 15 minutes plus 5 minutes for questions/answers, thus each chairman/woman may decide to vary the duration, extending the time in case of missing presenters.

There is no official template for the presentations, feel free to use the software you prefer to prepare your presentation, during the session the chairman/woman will invite you to the speech and you may share your screen with all the others.

Questions/Answers will be coordinated by the Chairman/woman.

For all who will attend the session in place on the 21st September:

You can bring your notebook for the presentation, the video connection is HDMI ONLY, any adapter for display port or similar should be provided by the presenter.

As an alternative, you may bring your presentation on a pendrive, in this case, the only supported formats are PDF (Adobe Acrobat) or PPT/PPTX (Powerpoint).

Please bring your smartphone or tablet/notebook and connect it to the local wireless network or your data service, in any case, try to have your mobile device connected to take part, reserve/present questions, appear in the session for the people connected online. IN ANY CASE, NEVER SWITCH ON the microphone until it is your time to speak or heavy noise may disturb the whole session.

Important note for the authors/presenters: the invitation will be sent to the corresponding author ONLY, but he/she will be free to invite all the others to take part to the conference.

In case you are taking part in the conference on day one (21st September) with your speech, you can participate with your co-authors for the presentation as well.

For the onsite conference on the 21st PLEASE NOTE: the social distance to be kept in all the University venues is always 1.8 metres, in all the closed areas wearing the mask all the time is mandatory. If you have a problem wearing the mask you can participate online. All the people taking part in the on-site sessions will be asked to fill a registration form and will have the temperature measurement according to the present safety protocols.