

GEORES2017

1st International Conference

Geomatics and Restoration

Conservation of Cultural Heritage in the Digital Era

22-24 May 2017

Caserna Redi, Via Cherubini 5, Florence, IT

Organized by



Commissione Nazionale
Napoli per l'Architettura



Ministero
dei beni e delle
attività culturali
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SCIENTIFIC PROGRAMME

<http://geores2017.geomaticaeconservazione.it>
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22
Monday

REGISTRATION

9:00 - 10:00

OPENING CEREMONY - Greetings from the Authorities

10:00 - 11:00

Ministry of Cultural Heritage Activities and Tourism
Regione Toscana
Municipality of Florence
Commission for the Architectural and Landscape Heritage
University of Florence
Gianfranco Rossi, IGM Commander
Stefano F. Musso, SIRA President
Antonio Vettore, AUTECH President
Grazia Tucci, GEORES2017 Conference Chair

COFFEE BREAK

11:00 - 11:30

KEY NOTES

11:30 - 13:00

HARNESSING DIGITAL WORKFLOWS FOR CONSERVING HISTORIC PLACES

Santana Quintero Mario

SURVEY AND RESTORATION

Mileto Camilla, Vegas Lopez-Manzanera Fernando

THE ACQUISITION, PRODUCTION AND DISSEMINATION OF GEOSPATIAL
DATA FOR EMERGENCY MANAGEMENT AND PRESERVATION OF CULTURAL HERITAGE

Santoro Enzo

LUNCH

13:00 - 14:00

SPECIAL SESSION

14:00 - 14:45

Tutors A. Adami, A. Conti, F. Fassi, R. Pierdicca

Geomatics and conservation: the preliminary workshop experience.
Young researchers present output and results of the preliminary workshop

A. Di Cintio

MEDIARC video competition

TECHNICAL SESSION - Risk and Resilience

14:45 - 17:30

Chaired by Musso S.F. and Sguerso D.

Title: Multiscale documentation and monitoring of L'Aquila historical centre using UAV photogrammetry

Authors: Dominici D., Alicandro M., Rosciano E., Massimi V.

Title: Survey methods for seismic vulnerability assessment of historical masonry buildings

Authors: Ballarin M., Ballelli C., Faccio P., Guerra F., Saetta A., Vernier P.

Title: The 2012 earthquake: an abacus of surveys and interventions in Mantua churches

Authors: Fregonese L., Campera A., Scala B., Adami A.

Title: Use of UAS for the conservation of historical building in case of emergencies

Authors: Fagandini R., Federici B., Ferrando I., Gagliolo S., Pagliari D., Passoni D., Pinto L., Sguerso D.

COFFEE BREAK

16:00 - 16:15

Title: Multitemporal 3D modelling for cultural heritage emergency during seismic events: damage assesment of S. Agostino church in Amatrice (RI)

Authors: Chiabrando F., Di Lolli A., Patrucco G., Spanò A., Sammartano G., Teppati Losè L.

Title: Impact of land use change to the soil erosion estimation for cultural landscapes: case study of Paphos district in Cyprus

Authors: Cuca B., Agapiou A.

Title: The use of GIS for the application of the phenomenological approach to the seismic risk analysis: the case of italian fortified architecture
Authors: Lenticchia E., Coisson E.

Title: Geomatic 3D modeling of a statue (also) for structural analysis and risk evaluation: the example of San Giovannino Martelli in Florence
Authors: Spangher A., Visintini D., Tucci G., Bonora V.

SHOW CASES, INSTRUMENTAL EXHIBITION and POSTER

17:30 - 18:15
Chaired by A. Adami

Title: The common evolution of geometry and architecture from a geomatic point of view
Authors: Bellone T., Fiermonte F., Mussio L.

Title: Design and 'restoration': the roots of architecture project for the built
Authors: Campanella C.

Title: 3D modelling of two louteria fragments by image-based approach
Authors: Burgio A., Ebolese D., Lo Brutto M.

Title: 3d modelling of archaeological small finds by a low-cost range camera: methodology and first results
Authors: Ravanelli R., Nascetti A., Di Rita M., Nigro L., Montanari D., Spagnoli F., Crespi M.

Title: Geomatics as a survey tool to document and enhance the cultural and landscaped heritage of the monumental complexes in the mountains of Abruzzo
Authors: Palestini C., Basso A.

Title: Digital photogrammetry combining RGB and thermal images from UAV
Authors: Bonora V., Gulec Korumaz A., Rosina E., Tucci G.

Title: Documentation for restoration: terrestrial laser scanning and UAV photogrammetry integration for cultural and archaeological area documentation

Authors: Gulec Korumaz A., Korumaz M.

Title: San Carlo dei Barnabiti: restoration and reinforcement of the roofing of a florentine baroque masterpiece

Authors: Mastrodicasa C., Montecchi S., Tucci G., Conti A., Fiorini L.

Title: Historic BIM: a new repository for structural health monitoring

Authors: Banfi F., Barazzetti L., Previtali M., Roncoroni F.

Title: 3D geomatics techniques for an integrate approach to cultural heritage knowledge: the case of San Michele in Acerboli's church in Santarcangelo di Romagna

Authors: Bitelli G., Dellapasqua M., Girelli V.A., Sanchini E., Tini M.A.

Title: Point cloud management through the realization of the intelligent cloud viewer software

Authors: Costantino D., Angelini M. G., Settembrini F.

Title: Pansharpener techniques to detect mass monument damaging in Iraq

Authors: Baiocchi V., Bianchi A., Maddaluno C., Vidale M.

Title: Learning geomatics for restoration: ICOMOS summer school in Ossola Valley

Authors: Achille C., Fassi F., Marquardt K., Cesprini M.

WELCOME COCKTAIL

from 18:15

TECHNICAL SESSION - The use of digital images in visible and not-visible ranges

parallel session 9:00 - 11:00

Chaired by E. Rosina and T. Luhmann

Title: The tomb of Seti I (KV17) in the Florence Egyptian museum. Integrated non-invasive methods for documentation, material history and diagnostics

Authors: Coppola M., Bracci S., Cantisani E., Magrini D.

Title: Evaluate the capability of Landsat-8 operational land imager for shoreline change detection /inland water studies

Authors: Pervez W., Khan S.A., Hussain E., Amir F., Maud M.A.

Title: Integration of infrared thermography and photogrammetric surveying of built landscape

Authors: Scaioni M., Rosina E., L'erario A., Diaz Vilarino L.

Title: For a conscious fruition of the cultural heritage of ancient Noto (Sicily). Efan project as opportunity for valorisation

Authors: Barone Z., Nuccio G.

Title: Geospatial (big) data. The new challenge to create value from aerial images

Authors: Ferrari P.

TECHNICAL SESSION - Thematic data documenting pathologies, materials,
decay, data georeferencing

parallel session 9:00 - 11:00

Chaired by G.B. Marino and M. Santana Quintero

Title: The MAXXI Museum in Rome: an integrated survey experience for the restoration of contemporary architecture

Authors: Versaci A., Cardaci A.

Title: Documentation and detection of color changes of bas relieves using close range photogrammetry

Authors: Malinverni E.S., Pierdicca R., Sturari M., Colosi F., Orazi R.

Title: The case of Capogrossi in Rome: collecting data with different technologies on a contemporary mural painting

Authors: Mezzadri P., Russo J.

Title: From excavation to web: a GIS for archaeology

Authors: D'Urso M., Corsi E., Nemeti S., Germani M.

Title: The 4DILAN project (4th dimension in landscape and artifacts analyses)

Authors: Chiabrandò F., Naretto M., Sammartano G., Sambuelli L., Spanò N., Teppati, Losè L.

Title: The complex point cloud for the knowledge of the architectural heritage. Some experiences

Authors: Aveta C., Salvatori M., Vitelli G.P.

COFFEE BREAK

11:00 - 11:30

SHORT PRESENTATIONS

11:30 - 13:00

Chaired by D. Visintini

Title: The main portal of the Cathedral of Monreale: first geometric analysis and interpretive assessment of architectural features

Authors: Lo Brutto M., Dardanelli G., Ebolese D., Milazzo G., Pipitone C., Sciortino R.

Title: A webgis for the knowledge and conservation of the historical wall structures of the 13th - 18th centuries

Authors: Vacca G., Pili D., Fiorino D., Pintus V.

Title: The seaplane base Ivo Monti at S. Nicola Varano (FG): a monument of military archeology, between history and protection

Authors: Mariano F., Saracco M., Petetta L.

Title: Cultural heritage documentation in SIS environment: an application for "Porta Sirena" in the archaeological site of Paestum

Authors: Pepe M., Parente C.

Title: Survey of the pagoda timber roof in Derneburg castle

Authors: Perria E., Sieder M., Hoyer S., Krafczyk C.

Title: "Banca del fare" summer school in alta langa: «the ruins to be rebuilt will be our classrooms». Knowledge from artisans to new generations, from ancient skills to new building techniques

Authors: Villata M.

Title: Archaeological mapping with UAV fixed wings

Authors: Bravi, F.

Title: From the road sign to the map: 3D modeling in support of the urban and rural road conditions

Authors: Palummo A.

Title: Generating accurate 3D models of architectural heritage structures using low-cost camera and open source algorithms

Authors: Zacharek M., Delis P., Kedziński M., Fryskowska A.

Title: An integrated approach based on traditional archaeological surveys, digital recording techniques and historical documentation for the assessment of threats related to the climate-sensitive territorial context

Authors: Stanga C., Valente R., Previtali M.

Title: Shape and construction of brick vaults. criteria, methods and tools for a possible catalogue

Authors: Brumana R., Condoleo P., Grimoldi A., Landi A.

Title: Palmyra as it once was: 3D virtual reconstruction and visualization of an irreplaceable lost treasure

Authors: Denker A.

Title: Laser scanning and modelling of barely visible features: the survey of the Grotto of the Animals at the Villa of Castello (Florence)

Authors: Tesi V., Tucci G., Bonora V., Fiorini L., Conti A.

Title: Clima platform: an interactive webgis for risk assessment in cultural heritage

Authors: Di Iorio A., Salvi M.C.

LUNCH

13:00 - 14:00

TECHNICAL SESSION - HBIM for management and maintenance Relationship between recording and design processing

14:00 - 17:15

Chaired by S. Della Torre, R. Brumana

Title: Challenges and opportunities for the implementation of H-BIM with regard to historical infrastructures: a case study of the Ponte Giorgini in Castiglione della Pescaia (Grosseto - Italy)

Authors: Donato V., Biagini C., Bertini G., Marsugli F.

Title: Building information models for heritage buildings: from conservation practice to predictive simulations

Authors: Bryan P., Grau-Bove' J., Pocobelli D.

Title: Metric survey and BIM technologies to record decay conditions

Authors: Lo Turco M., Mattone M., Rinaudo F.

Title: Conservation process model (CPM): a twofold scientific research scope in the information modelling for cultural heritage

Authors: Fiorani D., Acierno M.

Title: Survey, HBIM and conservation plan of a monumental building damaged by earthquake

Authors: Oreni D., Brumana R., Della Torre S., Banfi F.

COFFEE BREAK

15:30 - 15:45

Title: Critical issues and key points from the survey to the creation of the historical building information model: the case of Santo Stefano Basilica

Authors: Castagnetti C., Dubbini M., Ricci P.C., Rivola R., Giannini M., Capra A.

Title: 3D modelling in the registration and restoration of a megalithic tomb

Authors: Fernandez-Eraso J., Mujika-Alustiza J.A., Perez Vidiella P., Rodriguez Miranda A., Valle Melon J.M.

Title: From virtual to material restoration. A proposal for the reassembly of the altar of the Holy Hearth of Mary in the Cathedral of Santa Maria Assunta in Gerace (Reggio Calabria, Italy)

Authors: Prampolini F., Oteri A.M., Caporale S., Mazzeo S., Muschera' F.

Title: From daguerreotypes to digital automatic photogrammetry. Applications and limits for the built heritage project

Authors: Fassi F., Campanella C.

Title: From documentation images to restoration support tools: a path following the Neptune fountain in Bologna design process

Authors: Apollonio F.I., Ballabeni M., Bertacchi S., Fallavolita F., Foschi R., Gaiani M.

SHOW CASES, INSTRUMENTAL EXHIBITION and POSTER

17:15 - 18:00

Chaired by M. Coppola

Title: Accuracy assessment of point clouds geo-referencing in surveying and documentation of historical complexes

Authors: Fryskowska A.

Title: Integrated digital platform for the valorization of a cultural landscape

Authors: Angheluta L., Ratoiu L., Chelmus A., Radvan R., Petculescu A.

Title: Constructing and representing: a new project for 3D surveying of Yazilikaya - Hattusa

Authors: Repola L., Marazzi M., Tilia S.

Title: Main features of a 3D GIS for a monumental complex with an historical-cultural relevance

Authors: Scianna A., La Guardia M.

Title: 3D survey applied to industrial archaeology by TLS methodology

Authors: Monego M., Fabris M., Menin A., Achilli V.

Title: Conservation-oriented HBIM. the BIMexplorer web tool

Authors: Quattrini R., Pierdicca R., Morbidoni C., Malinverni E.S.

Title: An integrated monitoring system through 3D laser scanner and traditional instruments for load test on arch bridge

Authors: Pera D., Ferrando I.

Title: Laser-scanner survey of structural disorders: an instrument to inspect the history of parma cathedral's central nave
Authors: Bruno N., Coisson E., Cotti M.

Title: 3D modelling and orthophoto of curved masonries for a multipurpose analysis and assessment
Authors: Sammartano G., Spanò A.

Title: The importance of digital methods in preservation of cultural heritage. The example of Zirnikli mansion
Authors: Kan T., Buyuksalih G., Kaya Y., Baskaraca A.P.

Title: 3D survey techniques for the architectural restoration: the case of the Chapel of St. Agata in Pisa
Authors: Bevilacqua M. G., Caroti G., Piemonte A., Ruschi P., Tenchini L.

GALA DINNER

from 20:30
Restaurant La Loggia, Piazzale Michelangelo, 1

TECHNICAL SESSION - Documentation of monumental complexes/1

9:00 - 11:00

Chaired by A. Gruen and F. Ottoni

Title: Virtual archaeodrome for the archaeological site from Ulpia Traiana Sarmizegetusa

Authors: Angheluta L., Radvan R., Chelmus A., Ratoiu L., Cortea I.M., Ghervase L.

Title: Computer vision in the temples of Karnak: past, present & future

Authors: Tournadre V., Labarta C., Megard P., Garric A., Saubestre E., Durand B.

Title: Geomatic methodologies for the study of Teatro Massimo in Palermo (Italy)

Authors: Dardanelli G., Allegra M., Giammarresi V., Lo Brutto M., Pipitone C., Baiocchi V.

Title: The Selimiye Mosque of Edirne, Turkey - an immersive and interactive virtual reality experience using HTC vive

Authors: Kersten T.P., Buyuksalih G., Tschirschwitz F., Kan T., Deggim S., Kaya Y.

Title: The Tempio della Consolazione in Todi: integrated geomatic techniques for a monument description including structural damages evolution in time

Authors: Radicioni F., Matracchi P., Brigante R., Brozzi A., Cecconi M., Stoppini A., Tosi G.

COFFEE BREAK

11:00 - 11:30

TECHNICAL SESSION - Digital and physical replicas - augmented reality,
virtual restoration

11:30 - 13:00

Chaired by D. Fiorani and C. Balletti

Title: Musepick: an integrated technological framework to present the complex of Santissima Annunziata in Ascoli Piceno (Italy)

Authors: Petrucci E., Rossi D.

Title: Digital investigations of an archaeological smart point cloud: a real time web-based platform to manage the visualisation of semantical queries

Authors: Poux F., Neuville R., Hallot P., Van Wersch L., Luczfalvy Jancsó A., Billen R.

Title: Use of 3D technologies within the conservation of the ancient windows of the Basilica of S. Sabina in Rome. Construction of exhibition stands in carbon composite on a milled structure

Authors: Iaccarino Idelson A., Pannuzi S., Brunetto A., Galanti G., Giovannone C., Massa V., Serino C., Vischetti F.

Title: Historical photogrammetry and terrestrial laser scanning for the 3D virtual reconstruction of destroyed structures: a case study in Italy

Authors: Bitelli G., Dellapasqua M., Girelli V.A., Sbaraglia S., Tini M.A.

Title: Guidelines for a digital reinterpretation of architectural restoration work: reality-based models and reverse modelling techniques applied to the architectural decoration of the Teatro Marittimo, Villa Adriana

Authors: Adembri B., Cipriani L., Bertacchi G.

LUNCH

13:00 - 14:00

TECHNICAL SESSION - Education and Communication/1

parallel session 14:00 - 15:30

Chaired by A. Ugolini and V. Bonora

Title: Virtual in real. Interactive solutions for learning and communication in the National Archaeological Museum of Marche

Authors: Clini P., Nespeca R., Ruggeri L.

Title: Beyond point clouds and virtual reality: innovative methods and technologies for the protection and promotion of cultural heritage
Authors: Canevese E.P., De Gottardo T.

Title: Using webgis and cloud tools to promote cultural heritage dissemination: the historic up project
Authors: Tommasi A., Cefalo R., Zardini F., Nicolauicg M.

Title: Bridging the gap between global and local strategies of architectural conservation, examples of the current scenarios in India
Authors: Kavuru M.

COFFEE BREAK

15:30 - 15:45

TECHNICAL SESSION - Education and Communication/2

parallel session 15:45 - 17:15
Chaired by A. Bitelli and V. Bonora

Title: Image-based virtual tours and 3d modeling of past and current ages for the enhancement of archaeological parks: the visualversilia 3d project
Authors: Castagnetti C., Giannini M., Rivola R.

Title: The city and the restauration. Recovery activity or restitution of virtual images finalized to the protection of architectural heritage, but also to restoration of the original image of the spaces and the monuments. Alessandro Antonelli and the Baroq
Authors: Giusti F.

Title: Villa Stein-de-Monzie by Le Corbusier (1926-1928). Conservation strategies between research and education
Authors: Balletti C., Di Resta S., Faccio P., Guerra F., Pandolfo M.

Title: Survey and restoration: new ways of interaction
Authors: Battini C., Vecchiattini R.

Title: Hidden in plain sight: the Iris consortium union catalog and the promise of Linked Open Data (LOD)
Authors: D'Ambrosio, M.

TECHNICAL SESSION - Documentation of monumental complexes/2

parallel session 14:00 - 17:30

Chaired by A. Rodriguez Miranda and A. Spanò

Title: Arab-Norman heritage: state of knowledge and new actions and innovative proposals
Authors: Prescia R., Scianna A.

Title: From "models" to "reality", and return. Some reflections on the interaction between survey and interpretative methods for built heritage conservation
Authors: Ottoni F., Freddi F., Zerbi A.

Title: From survey to FEM analysis for documentation of built heritage: the case study of Villa Revedin-Bolasco
Authors: Guarnieri A., Fissore F., Masiero A., Di Donna A., Coppa U., Vettore A

Title: New opportunities of low-cost photogrammetry for culture heritage preservation
Authors: Shults R.

Title: Merging geometric documentation with materials characterization and analysis of the history of the Holy aedicule in the church of the Holy Sepulchre in Jerusalem
Authors: Georgopoulos A., Lambrou E., Pantazis G., Agrafiotis P., Papadaki A., Kotoula L., Lampropoulos K., Delegou A., Apostolopoulou M., Alexakis E., Moropoulou A..

COFFEE BREAK

15:30 - 15:45

Title: The geomatics contribution for the valorisation project in the Rocca of San Silvestro landscape site
Authors: Brocchini D., Chiabrando F., Colucci E., Sammartano G., Spano' A., Teppati Losè L., Villa A.

Title: Robotics and virtual reality for cultural heritage digitization and fruition

Authors: Calisi D., Cottefoglie F., D'agostini L., Giannone F., Nenci F., Salonia P., Zaratti M., Ziparo V.A.

Title: New methodologies for the documentation of fortified architecture in the state of ruins

Authors: Fallavollita F., Ugolini A.

Title: Material/historic reality: catching the transformation. From a case of applied research to the trans-disciplinary approach to preserve architecture

Authors: Aveta A., Marino B.G., Amore R.

Title: Scan to BIM for 3D reconstruction of the Papal Basilica of Saint Francis in Assisi in Italy

Authors: Angelini M. G., Baiocchi V., Costantino D., Garzia F.

CLOSING CEREMONY

17:30



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MEDIARC - FESTIVAL INTERNAZIONALE DI ARCHITETTURA IN VIDEO

The festival is held from 16 years in the Department of Architecture of University of Florence, and foresees two days of vision and reflection on architecture, design and sustainability by video and movies. Mediarc is a journey through the city, starting from the experiences of the Masters of Modern Architecture up to the new visions of the urban landscape.

In 2017 edition the event will focus on this theme: **RI-COSTRUENDO**, at a time of accelerating consumption of resources, is it feasible to plan the city of the future? The 17th MEDIARC will be dedicated to research on the connection between the conception and realisation of architecture in the present era. The Festival will take place in roundtables, conferences, film screenings, video and visual documents (new or historical), video installations, photographic exhibitions, performances. Participation in Mediarc Festival is free and open to all. The material to send can be of any kind: film, video, short, long etc.

On GEORES2017, MEDIARC makes a **special invitation** to send videos dedicated to the themes of the event. The Festival will dedicate to these videos a **special section** of its program and is expected to set up a **prize for the best video among** those selected for screening at the festival.

All interested parties are therefore invited to participate in their video work, which must be sent by 1 November 2017 at the following address:

Prof. Alberto Di Cintio, Artistic Director MEDIARC, Via San Niccolò 93 - 50125 Florence.

An exhibit of the project to survey the Fortezza da Basso can be visited during the entire length of the GEORES2017

#FORTEZZA DA BASSO: IL RILIEVO, IL RESTAURO E LA VALORIZZAZIONE

CONFERENCE IN THE "FEDERICO BOCCHETTI" ROOM OF THE CASERMA REDI

In 2015 a project started for the complete survey of the "Fortezza da Basso" in Florence, involving the Municipality, the Istituto Geografico Militare (IGM), the University of Florence and the Istituto per la Conservazione e Valorizzazione dei Beni Culturali del Consiglio Nazionale delle Ricerche (ICVBC/CNR). The study supports the restoration and refurbishment project of this interesting space in the heart of the town.

The first results of the research were shown in 2016 at the Fortezza with an exhibition during the Salone del Restauro. Given the contents and the success achieved, GEORES will set up again the exhibition during the conference.



PROGRAMME AT A GLANCE

| 22 Mon | | 23 Tue | |
|--------|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9.00 | REGISTRATION | TECHNICAL SESSION The use of digital images in visible and not-visible ranges (Chaired by E. Rosina and T. Luhmann) | TECHNICAL SESSION Thematic data documenting pathologies, materials, decay, data georeferencing (Chaired by G.B. Marino and M.Santana Quintero) |
| | OPENING CEREMONY | | |
| 11.00 | Coffee break | Coffee break | |
| 11.30 | KEYNOTES | SHORT PRESENTATIONS (Chaired by D. Visintini) | |
| 13.00 | Lunch | Lunch | |
| 14.00 | SPECIAL SESSION Preliminary Workshop Tutors: A.Adami, A.Conti, F.Fassi and R.Pierdicca | TECHNICAL SESSION HBIM for management and maintenance / Relationship between recording and design processing (Chaired by S. Della Torre, R. Brumana) | |
| 14.45 | TECHNICAL SESSION Risk and resilience (Chaired by S.F. Musso and D. Sguerso) | | |
| 17.15 | SHOW CASES, INSTRUMENTS and POSTERS (Chaired by A. Adami) | SHOW CASES, INSTRUMENTS and POSTERS (Chaired by M. Coppola) | |
| 18.15 | SOCIAL EVENT | GALA DINNER | |

PROGRAMME AT A GLANCE

| 24Wed | |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9.00 | TECHNICAL SESSION Documentation of monumental complexes/1 (Chaired by A. Gruen and F. Ottoni) |
| 11.00 | Coffee break |
| 11.30 | TECHNICAL SESSION Digital and physical replicas - augmented reality, virtual restoration (Chaired by D. Fiorani and C. Balletti) |
| 13.00 | Lunch |
| 14.00 | TECHNICAL SESSION TECHNICAL SESSION |
| 14.45 | Education and Documentation of Communication monumental (Chaired by G. Bitelli complexes/2 and V. Bonora) (Chaired by A. Rodriguez Miranda and A. Spanò) |
| 17.15 | CLOSING CEREMONY |
| 18.15 | |

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A health emergency response team and an ambulance from the CISOM (the Italian Order of Malta - Tuscany Group) will be present during the entire Conference.



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