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Jesse Rafeiro (CU; CIMS)
Ana Tomé (IST-UL; CERIS)
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## Preserving Low-Quality Video through Deep Learning
Lorenzo Seidenari, Leonardo Galteri, Tiberio Uricchio, Marco Bertini, Alberto Del Bimbo
Università' degli Studi di Firenze, MICC, Media Integration and Communication Center

## The Chiesa della Madonna dei Mali (Ferrandina, Italy) in VR*: Virtual Reality for inaccessible cultural heritage in peripheral areas
Antonio Pecci and Ida Campanile
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## Digital survey from drone in archaeology: potentiality, limits, territorial archaeological context and variables
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## Forensic Imaging for Art Diagnostics. What Evidence Should We Trust?
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Italian National Institute of Applied Optics, INO-CNR
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Valantinavicius, Micallef, Cassar, Caruana, Ciantelli
Department of Conservation and Built Heritage, Faculty for the Built Environment,
University of Malta, Msida
Department of Environmental Design, Faculty for the Built Environment, University of Malta, Msida,
Prehistoric Sites Department, Heritage Malta

## Augmented reality for cultural heritage: a new dimension for the perceptual knowledge
Romano Fistola, Ornella Amore, Andrea Rastelli and Crystal Pham
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4Massachusetts Institute of Technology (MIT), Cambridge

## Environment for CH

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Arian Loli, Chiara Bertolin, Lola Kotova
Department of Mechanical and Industrial Engineering, Norwegian University of Science and Technology (NTNU), Trondheim, NORWAY, Climate Service Center Germany (GERICS), Hamburg, GERMANY

### Adaptive reuse, refurbishment and conservative rehabilitation of Cultural Heritage by means of Quality and Energy Sustainable Lighting
Carla Balocco and Martina Cecchi
Department of Industrial Engineering, University of Florence
Freelance Civil Engineering collaborating with the Industrial Engineering Department, University of Florence

### Modelling Sustainable Lighting with Eyetracker and Spatial Syntax techniques
Carla Balocco, Francesco Lecceese, Giacomo Salvadore and Giulia Volante
Department of Industrial Engineering, University of Florence, Italy
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### MAGIC: Manuscripts of Girolamini in Cloud
Guido Russo
(University of Naples) for the MAGIC Collaboration

## The path of Cham cultural heritage
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## TRANSFORMATION OF BUILT CULTURAL HERITAGE IN OLD SAIGON (HO CHI MINH CITY), VIETNAM
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Institute of Cultural Heritage and Development Studies Van Lang University, Vietnam

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NGO MINH HUNG
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DAGRI (former-GESAAF), University of Florence, Florence, Italy
Opificio delle Pietre Dure, Florence, Italy

### Experimental tests for mechanical properties of wooden ‘buttons’ used for attaching auxiliary supports behind panel paintings
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University of Florence, Opificio delle Pietre Dure

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Stichting Restauratie Atelier Limburg, Maastricht. The Netherlands
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Dipartimento di Scienze e Tecnologie, Università del Sannio, Benevento, Italy
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CBQF – Centro de Biotecnologia e Química Fina, Universidade Católica Portuguesa, Porto, Portugal.

Validation and management of the data acquisition and restitution processes in HBIM models: the case study of Fonte della Fata Morgana Carlo Biagini, Paolo Ottobri, Neri Banti, Andrea Bongini
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Department of Biology, University of Florence

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Sapienza University
Mediterranean University of Reggio Calabria
University of Pisa

Virtual Reality bridge between Chemistry and Cultural Heritage: the “Sala degli Stemmi” Case Study.
Martino, Lazzari, Tasinato and Barone
Scuola Normale Superiore, Pisa, Italy

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Natural biocides and bio-calcite: innovative tools for cultural heritage
Laura Scrano, Rocco Laviano, Giovanni Saltzano, Matteo Santacroce, Sergio Antonio De Franchi, Jakub Baranek and Sabino Aurelio Bufo
University of Basilicata, University of Bari, Adam Mickiewicz University

Microbial contamination of libraries and archives: risk assessment and contamination control
F Bosco, M Demichela, A A Barresi and D Fissore
Department of Applied Science and Technology, DISAT, Politecnico di Torino

What Sherlock Sorely missed: The EVA Technology for Cultural Heritage Exploration
Pier Giorgio RIGHETTI - HONORARY PROFESSOR
Department of Chemistry, Materials and Chemical Engineering “Giulio Natta”, Politecnico di Milano

Bacterial mineralization of calcium carbonate for conservation of stone artworks
Brunella Perito, Massimiliano Marvasi, Giorgio Mastromei
Department of Biology, University of Florence

Integrative Applications of Microbial Biotechnology to Cultural Heritages Conservation and Promotion
Massimiliano Marvasi
University of Florence

Cultural heritage Microbiomes

Head of Division Municipal International Cooperation responsible

Enrica Di Miceli, Rosa Grazia De Paoli and Francesca Giuliani
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