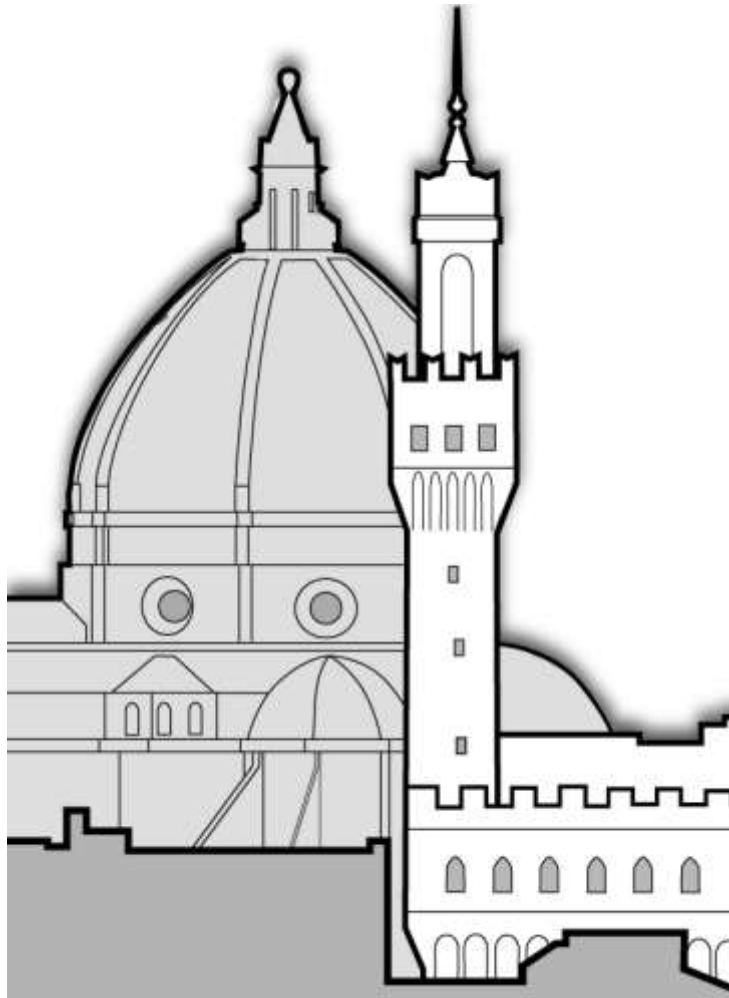


**Electronic Media & the Visual Arts**

# EVA 2024 Florence

**27 May 2024**

**PROGRAM**



# ... EVA 2024 Florence ...

Grand Hotel Minerva, Florence

27 May 2024

## Main Topics

- ❖ European Commission Projects and Plans regarding Cultural Heritage
- ❖ 2D – 3D Digital Image Acquisition and Display
- ❖ Leading Edge Applications: Galleries, Libraries, Archaeological Sites, Museums & Historical Tours
- ❖ Integrated Digital Archives for Cultural Heritage and Contemporary Art
- ❖ Management of Museums by using ICT Technology: Documentation, Access, Guides & Other Services
- ❖ Human - Computer Interaction for Cultural Heritage Applications
- ❖ Creative Enterprises
- ❖ Copyright Protection
- ❖ Cybersecurity
- ❖ Culture and *e-government*
- ❖ Activities and Programmes for *e-learning*
- ❖ Digital TV and films
- ❖ 3D Developments and Applications in the Cultural Heritage Area
- ❖ Augmented Virtual Reality for Culture
- ❖ Virtual Galleries and Exhibitions
- ❖ Digital Art
- ❖ Digital Music
- ❖ Digital Theatre
- ❖ NFTs
- ❖ The Metaverse
- ❖ Cultural Tourism & Travel Applications
- ❖ Impact of Culture in the Smart City
- ❖ Art and Medicine
- ❖ Climate Change
- ❖ Environment Protection

EVA 2024 Florence Organizer: Vito Cappellini

Co-Chairmen: Vito Cappellini - Enrico Del Re

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EVA 2024 Florence Organizer: Vito Cappellini

**Co-Chairmen: Vito Cappellini, Enrico del Re – Florence University**

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## ADVISORY BOARD

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# EVA 2024 FLORENCE

27 May 2024

## CONFERENCE

10,00 *Opening:*

*Enrico Vicario,*  
*Director of Dipartimento di Ingegneria dell'Informazione*  
*- Università degli Studi di Firenze*  
*Angelo Volpi,*  
*Senior Associate Researcher*  
*CNR - National Research Council of Italy*  
*Bruxelles Liason Unit*  
*Paolo Castellacci,*  
*President of GRUPPO SESA*

10,50      **SESSION 1 – STRATEGIC ISSUES**

*Chairman: Enrico Del Re, University of Florence, Italy*

“Interweaving Art and Science: A Dynamic  
Nexus for Communication and Insight”

Antonella Guidazzoli, Maria Chiara Liguori  
VisitLab - CINECA  
Bologna, Italy

“3D Modeling for Promotion of Historical  
Buildings: Mirabello Castle, Past  
and Present”

M. Bellotti<sup>1</sup>, V. Cantoni<sup>1</sup>, P. Dondi<sup>1,2</sup>, A. Gullotti<sup>1</sup>, L.  
Lombardi<sup>1,2</sup>, M. Mosconi<sup>1</sup>, M. Musci<sup>1</sup>, A. Setti<sup>1</sup>  
<sup>1</sup>Dept. of Electrical, Computer and Biomedical  
Engineering - University of Pavia  
<sup>2</sup>Centro Interdipartimentale di Studi e Ricerche  
per la Conservazione del Patrimonio Culturale  
(CISRIC)  
Pavia, Italy

“Bytes vs Bio: Prospects and Concerns  
in AI, Art, and Culture’s Confluence”

R. Folgieri<sup>1</sup>, L. Dei Cas<sup>2</sup>, A. Lucchiari<sup>3</sup>  
<sup>1</sup>Dept. of Philosophy "Piero Martinetti"  
Università degli Studi di Milano  
Milan, Italy  
<sup>2</sup>Ulixé Group  
Turin, Italy  
<sup>3</sup>Art and Culture Studies  
Erasmus University of Rotterdam  
Rotterdam, The Netherlands

“Applications of digital diagnosis and treatment in myopia management”

Wei He  
He Vision Group  
Shenyang, China

“The Convergence of Arts and Computational Culture: Physical and Virtual Domains”

Jonathan P. Bowen<sup>1</sup>, Tula Giannini<sup>2</sup>,  
<sup>1</sup>School of Engineering  
London South Bank University  
London, U.K.  
<sup>2</sup>School of Information  
Pratt Institute  
New York, U.S.A.

“New Perspectives on Digital Storytelling for Museums: *the Enchanted Garden* and *PISTOIA Moving Stories*”

M. Preti<sup>1</sup>, C. Taddei<sup>1</sup>, L. Sarti<sup>2</sup>, M. Barsottini<sup>2</sup>,  
M. Cellini<sup>2</sup>, L. Garzella<sup>3</sup>, F. Macelloni<sup>3</sup>,  
D. Sguerso<sup>4</sup>, C. Battini<sup>4</sup>  
<sup>1</sup>Fondazione Pistoia Musei ETS  
Pistoia, Italy  
<sup>2</sup>CamerAnebbia  
Milan, Italy  
<sup>3</sup>NANOF  
Rome, Italy  
<sup>4</sup>DICCA - Department of Civil, Chemical and  
Environmental Engineering  
University of Genoa  
Genoa, Italy

“The International Studies Institute (ISI Florence) and its Use of Digital Technology for Study Abroad University Courses”

Stefano U. Baldassarri, Alessandro Galatoli,  
Marco de la Pierre  
ISI Florence  
Florence, Italy

12,40 Lunch Break

14,20 **OPEN SESSION – INTERNATIONAL EVA NETWORK**

*Chairman: Vito Cappellini, University of Florence, Florence, Italy*

- Dirk Petrat, Chief Digital Officer at the Ministry of Culture – Free and Hanseatic City of Hamburg, Hamburg, Germany
- Cristina Acidini, Presidente dell’ Opera di Santa Croce, Florence, Italy
- Riccardo Bruschi, Managing Director T.T.TECNOSISTEMI SB - Digital Value, Prato, Italy and Claudio Morelli, Managing Director APUANA SB, Carrara, Italy

*Speakers Presentations*

*Chairman: Antonella Guidazzoli, CINECA, Bologna, Italy*

“From Cybersecurity to Inclusion:  
Intersecting Cybersecurity, Artificial  
Intelligence and Women’s Inclusion  
in STEM”

Rita Forsi, Clarissa Cecchi  
Women4Cyber Italy  
Rome, Italy

“A New Surface Detection of Occluded  
Objects for Surface-Based FTV”

Masayuki Tanimoto<sup>1</sup>, Hirokuni Kurokawa  
(Aiguo He)<sup>2</sup>  
<sup>1</sup>Nagoya Industrial Science Research Institute  
Nagoya, Japan  
<sup>2</sup>Intelligent Vision & Image Systems  
Tokyo, Japan

“Beyond Smart Cities Exploring the  
Correlation between Intelligence and  
Greenness in Smart Territories”

Francesco Bellini<sup>1</sup>, Irina Gorelova<sup>2</sup>  
<sup>1</sup>Dept. of Management - Sapienza  
University of Rome and Eurokleis  
Rome, Italy  
<sup>2</sup>Dept. of Management - Sapienza  
University of Rome  
Rome, Italy

“Designing a Future Metaverse for  
NOKIA: a Lifecycle for Business  
Process Management”

Krista Korpikoski<sup>1</sup>, Mika-Petri Laakkonen<sup>2</sup>  
<sup>1</sup>Department of Industrial Design  
University of Lapland  
Rovaniemi, Finland  
<sup>2</sup>University of Applied Sciences  
Oulu, Finland

“The Crowded European Regulatory  
Framework for the Cybersecurity, a  
Legislative “Jam” or a Successful Risk  
Strategy?”

Giancarlo Caroti, Franco Guidi  
Neumus S.r.l.  
Florence, Italy

“MOBIREEL Erasmus + Project  
Outcomes: Cultural Heritage of the  
Home-Film Collections”

Andrea De Polo Saibanti  
Consultant Zeuschel GmbH  
Tubingen, Germany

“Human-centred, Community-oriented  
Co-design for a Pop-up VR Museum”

Lily Diaz-Kommonen<sup>1</sup>, Leena Svinhufvud<sup>2</sup>,  
Gautam Vishwanath<sup>1</sup>  
<sup>1</sup>Department of Art and Media  
Aalto University  
Espoo, Finland  
<sup>2</sup>Design Museum Helsinki  
Helsinki, Finland

*Chairman: Dominik Lengyel, BTU University of Technology, Cottbus, Germany*

“The Design of the Tactile  
Model of Pergamon”

Dominik Lengyel<sup>1</sup>, Catherine Toulouse<sup>2</sup>  
<sup>1</sup>BTU University of Technology  
Cottbus-Senftenberg  
Cottbus, Germany  
<sup>2</sup>Lengyel Toulouse Architects  
Berlin, Germany

“Facing the Future by Bringing  
the Metaverse to Life”

Terry Trickett  
Trickett Associates  
London, U.K.

“The Banners for Yearly Historical  
Celebrations in Italy Towns”

Paola Imposimato  
Studio Creazioni di Design  
e Arti Grafiche e Pittoriche  
Florence, Italy

“EUreka3D - European Union’s  
REKconstructed Content in 3D”

V. Bachi<sup>1</sup>, A. Fresa<sup>1</sup>, D. Iglésias Franch<sup>2</sup>,  
I. Lamata Martínez<sup>3</sup>,  
<sup>1</sup>Photoconsortium  
Peccioli-Pisa, Italy  
<sup>2</sup>CRDI / Ajuntament de Girona  
Girona, Spain  
<sup>3</sup>EGI Foundation  
Amsterdam, The Netherlands

“*App Art* Visual Language and  
Aesthetics: a New Frontier in  
Digital Art”

A. Sylwia Zólkiewska  
New Media Art Department  
Polish-Japanese Academy  
of Information Technology  
Warsaw, Poland

“Unlocking Ancient Mysteries: Hyperspectral  
Imaging and Convolutional Neural Networks  
for Augmented Documentation of Ancient  
Egyptian Artefacts”

F. Argenti<sup>1</sup>, A. Barucci<sup>2</sup>, M. Piccolo<sup>2</sup>,  
L. Stefani<sup>2</sup>, C. Cucci<sup>2</sup>  
<sup>1</sup>Dept. Information Engineering  
University of Florence  
Florence, Italy  
<sup>2</sup>Institute of Applied Physics “Nello Carrara”  
National Research Council of Italy  
Sesto Fiorentino, Italy

“Future art Education with  
art-based learning”

M. Cappellini, E. Accorsi,  
C. Ona, S. Ollani  
ArtCentrica  
Florence, Italy



