

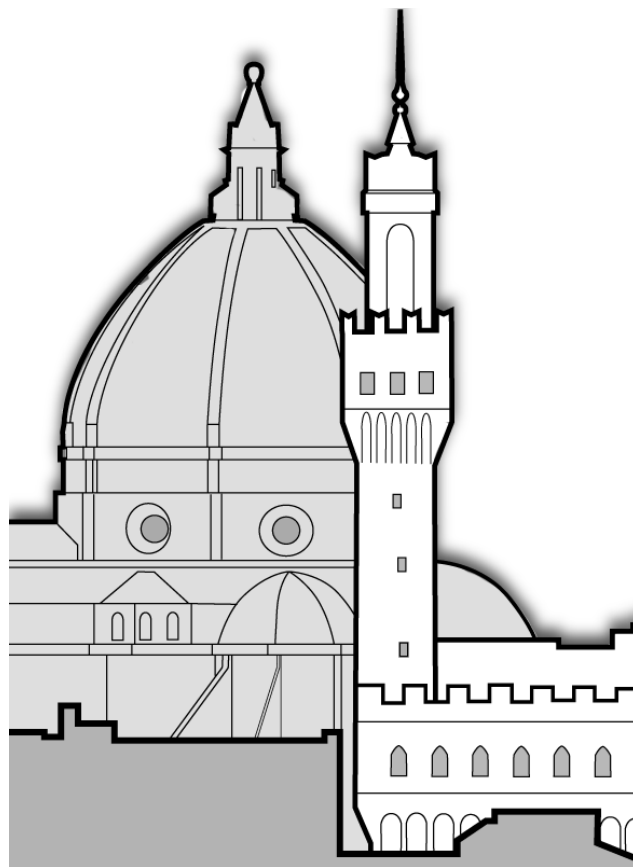
Electronic Imaging & the Visual Arts

EVA 2022 Florence

VIDEO – CONFERENCE

6 June 2022

PROGRAM



Palazzo del Pegaso

CONSIGLIO REGIONALE DELLA TOSCANA

... EVA 2022 Florence ...

Palazzo del Pegaso, Regional Council of Tuscany, Florence

6 June 2022

Main Topics

- ❖ European Commission Projects and Plans regarding Cultural Heritage
- ❖ 2D – 3D Digital Image Acquisition
- ❖ 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
- ❖ Cloud Networks
- ❖ Semantic Webs
- ❖ Ontology Systems
- ❖ Human - Computer Interaction for Cultural Heritage Applications
- ❖ Creative Enterprises
- ❖ Copyright Protection
- ❖ Secure Electronic Commerce (Anticounterfeiting)
- ❖ 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
- ❖ Cultural Tourism & Travel Applications
- ❖ Impact of Culture in the Smart City
- ❖ Art and Medicine
- ❖ Climate Change
- ❖ Environment Protection
- ❖ COVID-19 Pandemic

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Co-Chairmen: Vito Cappellini - Enrico Del Re

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Cooperation with the **Advisory Board** and the **Technical Committee**

Cooperation with Regional Council of Tuscany: Rosanna Romellano

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Who Should Attend

- The Cultural Sector - The Government Sector - Media & Related Sectors
- The ICT Industry, *especially* multimedia SME's - Tourism & Travel Sector
- Technology & Visual Arts Research Organisations - Trade Culture Activities

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CONFERENCE

*Chairmen: Vito Cappellini, University of Florence
Enrico Del Re, University of Florence*

*10,00 Opening: Antonio Mazzeo,
President of Consiglio Regionale della Toscana
Marco Del Panta,
General Secretary of European University Institute
Fabio Donato,
Italian Counsellor for Research and Innovation
- Permanent Representation of Italy to the European Union
Paolo Castellacci,
President of GRUPPO SESA*

10,50 SESSION 1 – STRATEGIC ISSUES

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

*“Tübke Monumental Project:
The Great Circle.
Technical Report”*

*Luisa Mantovani-Loeffler¹,
Antonella Guidazzoli², Silvano Imboden²,
Daniele De Luca², Maria Chiara Liguori²,
Markus Loeffler¹
¹Kunstkraftwerk Leipzig,
Leipzig, Germany
²VisitLabCineca - Interuniversity Consortium
Bologna, Italy*

*“Digital Experience in Art and
Identity: The Metaverse Calls”*

*Tula Giannini¹, Jonathan P. Bowen²
¹School of Information, Pratt Institute,
New York, U.S.A.
²School of Engineering
London South Bank University
London, U.K.*

*“A Serious Online Game for Cultural
Heritage Knowledge and Promotion”*

*V. Cantoni, L. Lombardi,
M. Mosconi, R. Nour, A. Setti
Computer Vision and Multimedia Lab (CVML),
University of Pavia
Pavia, Italy*

“Consumer Solid State Lidar: A Viable Tool for Heritage Documentation?”

M. Caine
Hadassah Academic College Jerusalem
Jerusalem, Israel

“NFTs in Museums and Cultural Heritage: Opportunities and Challenges”

R. Folgieri, A. G. Buda
Department of Philosophy "Piero Martinetti"
Università degli Studi di Milano
Milano, Italy

“The Enhancement of the Spatial Impression Through Simulated Natural Movement”

D. Lengyel, C. Toulouse
BTU University of Technology
Cottbus-Senftenberg
Cottbus, Germany

12,20 **OPEN SESSION – INTERNATIONAL EVA NETWORK**

Chairman: *Vito Cappellini, “Emeritus” Professor, University of Florence, Florence, Italy*

Introduction:

*Enrico Vicario
Director of Department of Information Engineering
- University of Florence*

Speakers Presentations

14,30 **SESSION 2 – NEW SCIENCE, TECHNOLOGY AND CULTURE DEVELOPMENTS & APPLICATIONS**

Chairman: *Jonathan Bowen, London South Bank University, London, U.K.*

“ The Process Ontological Theory of Prediction: Towards the next-generation predictive machine learning models”

Mika-Petri Laakkonen
University of Lapland
Rovaniemi, Finland

“The Transitions of Ecological Lighting”

G. Alfarano, A. Spennato
Dept. of Architecture DIDA
University of Florence
Florence, Italy

“Auralisation of Musical Venues
in Virtual and Mixed Reality”

Sophie Schauer, Jürgen Sieck
HTW Berlin - University of Applied
Sciences
Berlin, Germany

“Complying with the Cybersecurity
Maturity Model Certification
(CMMC 2.0)”

G. Caroti, F. Guidi
NEUMUS Srl
Florence, Italy

“Surface Detection for Surface -
Based FTV”

Masayuki Tanimoto¹, Hirokuni Kurokawa²
¹Nagoya Industrial Science Research Institute
Nagoya, Japan
²University of Aizu Aizu
Wakamatsu, Japan

“Acrosslimits: Innovation for Solving
Tomorrow’s Challenges”

Andrea de Polo Saibanti,
Mila Cutajar, Brandon Vella
Acrosslimits Ltd
Malta

“Head model 3D fabrication for
preoperative planning of brain
cancer surgery”

Francesca Uccheddu
Università di Padova
Padova, Italy

16,00

**SESSION 3 – CULTURAL ACTIVITIES – REAL AND VIRTUAL
GALLERIES AND ACCESS TO THE RELATED INFORMATION**

Chairman:

Raffaella Folgieri, University of Studies of Milan, Milan, Italy

“Homo faber fortuna suae”
What future in art? An analysis of new
forms of Interaction between art and
society”

Jean Paul Carradori,
Steven Lu, Qing Li
Shanghai International
Interior Design Festival
Shanghai, China

“How can we study Art Activities?:
Attempt to integrate brain science
and social science”

Mitsuru Takahashi¹, Takiko Makiishi²

¹The Open University of Japan
Sendai City, Japan

²Sendai Shirayuri Women College
Kamakura City, Japan

“Innovative technologies and
methodologies applied to the encoding
of a work of Art: *“Penitent Mary
Magdalene and scenes from her life”*”

Sara Penco

Sipal Penco S.r.l.

Turin-Rome, Italy

“Immersive Storytelling for Digital
Heritage Projects”

Irina Tsokova

Institute of Creative Technologies

De Montfort University

Leicester, U.K.

“INCULTUM – Visiting the margins”

Antonella Fresa, Pietro Masi,

Elisa Debernardi

Promoter S.r.l.

Peccioli, Italy

“Virtual Pathways: Reinforcing
School-Museum Cooperation in
COVID-19 Times”

Marco Berni, Elena Fani,

Carmen Gagliardi, Sofia Sasopoulou

Museo Galileo - Istituto e Museo di Storia
della Scienza

Florence, Italy

“ARTCENTRICA: Brings Art to Schools
and Universities”

M. Cappellini

Art Centrica S.r.l.

Florence, Italy

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Prof. Vito Cappellini

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