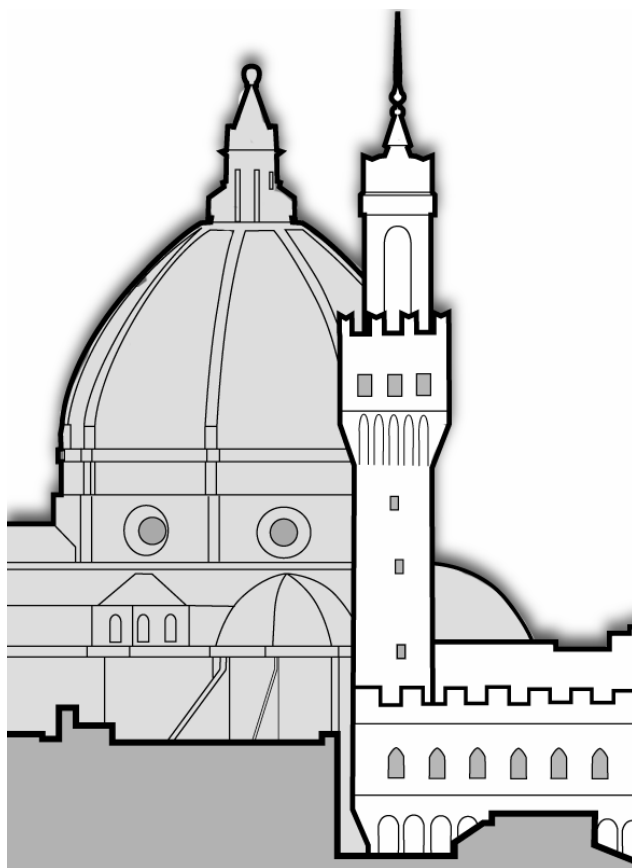# Electronic Imaging & the Visual Arts

'The Foremost European Electronic Imaging Events in the Visual Arts'

EVA 2006 Florence

Conference, Workshops, Meetings, Training & Exhibition

3 - 7 April 2006

Venue: Palazzo dei Congressi, Piazza Adua 1

PROGRAM

SPONSOR & SUPPORTER

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Electronic Imaging & the Visual Arts

'The Foremost European Electronic Imaging Events in the Visual Arts'

In Cooperation with MICHAEL Project

Forum for Users, Suppliers & Researchers

The key aim of this Event is to provide a forum for the user, supplier and scientific research communities to meet and exchange experiences, ideas and plans. Participants receive up to date news on new EC and international arts computing & telecommunications initiatives as well as on Projects in the visual arts field, in archaeology and history. Working Groups and new Projects are promoted. Technical demonstrations are presented.

Main Topics

- ❖ Synergy with European & International Programmes
- ❖ New Technology in Conservation & Education to Global Access
- ❖ Integrated Digital Archives for Cultural Heritage and Contemporary Art
- ❖ Management of Museums by using ICT Technology: Access, Guides, Documentation & Other Services
- ❖ The Impact of New Mobile Communications (GPRS, UMTS) on Cultural Heritage and Modern Arts Area
- ❖ Human - Computer Interaction for Cultural Heritage Applications
- ❖ Copyright Protection (Watermarking & Electronic Commerce)
- ❖ Case Studies of Leading Edge Applications: Galleries, Libraries, Education, Archaeological Sites, Museums & Historical Tours
- ❖ Mediterranean Initiatives in Technology for Cultural Heritage
- ❖ Culture and *e-government*
- ❖ Activities and Programmes for *e-learning*
- ❖ Applications of Digital Terrestrial Television
- ❖ 3D Developments and Applications in Archaeology & History
- ❖ Cultural Tourism & Travel Applications

WHO SHOULD ATTEND

THE CULTURAL SECTOR: The Visual Arts Community including Museums, Libraries, Archaeological Sites, Educational Institutions, Commercial Galleries and Dealers, Auction Houses, Artists & Collectors

THE HI-TECH INDUSTRY SECTOR: Multimedia Systems, Image Acquisition & Analysis, Data-bases, Display & Printing, ICT Industry, Telematics & Systems Manufacturing, On-line Information Services

MEDIA & RELATED SECTORS: Publishing, Press, Film, Television, Photography, Printing, Advertising, Graphics Design, Consumer Media

IMAGING SYSTEMS RESEARCHERS: Imaging Systems, 3-D Reconstruction & Representation, Information Sciences

TOURISM & TRAVEL SECTOR: Tourism Agencies & Operators, Travel Agencies

THE GOVERNMENT SECTOR: Ministries of Culture and other Institutions involved in Cultural Heritage, Ministries of Industry, Education, Research and Science, Local Governments

**Co-Chairmen: Vito Cappellini - Faculty of Engineering, Florence University and
James Hemsley – EVA Conferences International**
cappellini@det.unifi.it, jrhemsley@hotmail.com

EVA 2006 Florence Advisory Committee includes:

Rossella Caffo, Ministero per i Beni e le Attività Culturali ~
Antonia Ida Fontana, Biblioteca Nazionale Centrale di Firenze ~
Paolo Galluzzi, Istituto e Museo di Storia della Scienza ~
Andrea De Polo, ALINARI ~
Roberto Gagliardi, Divisione Informatica e Telecomunicazioni – Consorzio Pisa Ricerche~
Manami Wada, ManART

EVA Conferences Organiser: Monica Kaayk, acinom@cix.co.uk

EVA 2006 Florence Technical Organising Committee includes:
Riccardo Saldarelli, Ilaria Ciseri, Alessandro Nozzoli,
Silvia Faccioli, Maurizio Lunghi, Fabrizio Paolucci
Federica Drovandi, Patrizia Giacalone, Laura Mencherini, Donatella Milani

EVA Organisers: • Centro per la Comunicazione e l'Integrazione dei Media (MICC) –
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E-mail: info@evaflorence.it
Web pages ~ http://www.eva-conferences.com ~ http://lci.det.unifi.it/Events/Eva2006/eva2006.htm ~
http://www.evaflorence.it

For general information: Prof. Vito Cappellini & Secretariat
Dipartimento di Elettronica e Telecomunicazioni & MICC – Università di Firenze
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Electronic Imaging & the Visual Arts

Programme
Monday 3 April

ROOM A

WORKSHOP 1
9,30 – 13,00
14,30 – 18,00

EPOCH PROJECT

1) Standards for Cultural Heritage
Chairman: Franco Niccolucci (EPOCH)

Speakers include:
- *Richard Beacham, King's College,*
- *Tyler Bell,Oxford ArchDigital,*
- *Andrea D'Andrea, University of Naples "L'Orientale",*
- *Sven Havemann, University of Graz,*
- *Christian-Emile Ore, University of Oslo,*
- *Nick Ryan, University of Kent,*
- *Mike Vandamme, VARTEC, Gent*
- *Sorin Hermon, PIN, Prato*

EPOCH is fostering the use of international standards as CIDOC-CRM for documenting Cultural Heritage and is carrying on research to map de-facto/local standards and related documentation to the international system. Current activity in this field will be reported and emerging issues discussed. Technical standards for computer graphics will be discussed as well, in order to analyse the needs of the heritage sector and evaluate fitness and possible extensions. Finally, the workshop will consider credibility and reliability issues, a feature of great importance for cultural heritage applications, for which a charter (the "London Charter") is being drafted by a committee based at KCL and chaired by Prof. Beacham and Niccolucci.

Interdisciplinary attendance – both from the technology and humanities sectors – is warmly encouraged.

2) Usability for Cultural Applications
Chairman: Franca Garzotto (EPOCH)

Speakers include:
- *Davide Bolchini, USI - University of Italian Switzerland, Lugano,*
- *Halina Gottlieb, The Interactive Institute, Stockholm,*
- *Antonella Guidazzoli, CINECA,*
- *Franco Niccolucci, University of Florence,*
- *Laia Pujol, University of the Aegean, Lesvos.*

Making usable cultural applications is a challenge that requires appropriate tools to be managed effectively. Such tools are being experimented in EPOCH. The workshop will deal with usability and accessibility for multimedia applications, and will report on the survey performed in EPOCH by PLIMI and USI on this subject. Moreover, psychological aspects of 3D visualization and virtual reality applications will be considered, and related activity at CINECA with

psychologists and communication experts will be presented and compared with ongoing research at Aegean University. It is anticipated that psychology and communication experts will intervene as well.

Heritage professionals are particularly welcome.

3) Setting the Research Agenda
Chairman: Daniel Pletinckx (EPOCH)

Speakers include:
- *David Arnold, University of Brighton, EPOCH Coordinator,*
- *Paolo Cignoni, ISTI-CNR, Pisa,*
- *Halina Gottlieb, The Interactive Institute, Stockholm*
- *Franco Niccolucci, University of Florence,*
- *Nick Ryan, University of Kent,*
- *Tullio Salmon Cinotti, University of Bologna,*
- *Luc Van Gool, University of Leuven and ETH Zurich.*

Like every new domain, the IT based CH domain has been mainly technology driven. To become a mature domain, it needs to become user driven, where the technological developments fit the requirements of the users, and yield sustainable systems. EPOCH is establishing a community wide Research Agenda that supports this transition, and clearly indicates where the development priorities of the community are. Having a Common Research Agenda should yield an important impact on the overall research of integration IT in CH and improve efficient use of funds. The workshop will present the preliminary conclusions of EPOCH internal work, which are already the outcomes of partners' discussion and examination by an enlarged group forming the Network's Review College, and will discuss them with the wider scientific community.

All people involved with research in this field, both with a technological or heritage perspective, are welcome to participate.

4) Networking workshop
Chairman: David Arnold (EPOCH)

Presenters include:
- *C2RMF, Paris*
- *CINECA, Bologna*
- *King's College, London*
- *PIN, Prato*
- *Visual Dimension, Belgium*

In this informal session, EPOCH partners and other institutions will present "hot" research issue. They will have 10' minutes for introducing the problem and then it is expected that other participants offer contribution to solutions. Possibly, they will continue the discussion afterwards and establish joint research activities. The goal of the session is to facilitate the meeting of people with similar, or complementary, research interests and to promote the creation of new teams.

Discussing new research threads and related problems, instead of solutions, is something that usually happens in the corridors of conferences. This workshops tries to insert such discussions in the program, while maintaining their informal character.

All people involved with research in this field, both with a technological or heritage perspective, are welcome to participate.

Participation to EPOCH Workshops is open and free. However, for logistic reasons and to guarantee the availability of a sufficient number of copies of the relevant documentation, non-EPOCH partners willing to attend a Workshop are kindly invited to contact Franco Niccolucci (niccolucci@unifi.it) in advance, to confirm their presence.

Electronic Imaging & the Visual Arts
EVA 2006 Florence Training Programme

in cooperation with VASARI FLORENCE S.r.l.

Programme

Tuesday 4 April

ROOM A

TUTORIAL 1   *(Italian Language)*
9,15-10,55   QUALITY IMPROVEMENT: ELECTRONIC RESTORATION AND COLOUR CONTROL *(MIGLIORAMENTO DI QUALITA': RESTAURO ELETTRONICO E CONTROLLO DEL COLORE)*
- *Ornella Casazza, Direttore del Museo degli Argenti, Palazzo Pitti, Florence*
- *Mauro Barni, Università di Siena*
- *Andrea Del Mastio, Università di Firenze*
- *Riccardo Saldarelli, Arno Art Agency, Florence*

10,55   Coffee Break

TUTORIAL 2
11,10-12,50   COPYRIGHT PROTECTION: DIGITAL MARKING
- *Giovanna Damiani, Soprintendente per il Patrimonio Storico, Artistico ed Etnoantropologico di Parma e Piacenza*
- *Massimiliano Corsini, ISTI - C.N.R., Pisa*
- *Alessandro Piva, Università di Firenze*
- *Francesca Uccheddu, Università di Firenze*
- *Marco Cappellini, CENTRICA, Florence*

12,50   Lunch

Experimental demonstrations are presented regarding the above topics, using multimedia systems and telematics networks.

Coordinator: Vito Cappellini, University of Florence
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E-mail: **cappellini@det.unifi.it**

Electronic Imaging & the Visual Arts
Workshops

Tuesday 4 April

ROOM B

WORKSHOP 2   **INTERNATIONAL COOPERATION**
9,15 – 13,00   *Chairman: James Hemsley, EVA Conferences International, U.K.*

Opening: *Cristina Acidini, Soprintendente Opificio delle Pietre Dure, Florence, Italy*

The general aspects of international collaboration in Cultural Heritage are presented. The impact of new technologies in the field is considered, outlining the more suitable ones for cooperative plans.

The importance of Virtual Heritage for better cultural cooperation among the Nations in the World is considered.

Projects currently developed in different parts of the World are presented.
Collaborative activities in Mediterranean Area are in particular described. European Commission programmes and initiatives are presented.

Speakers include:
- *Claude Poliart, DG INFSO E3, Technology – Enhanced Learning and Cultural Heritage, European Commission*
- *Pier Luigi Emiliani, Istituto di Fisica Applicata "Nello Carrara" - C.N.R., Florence, Italy*
- *Monica Murero, Centro per la Comunicazione e l'Integrazione dei Media, Università di Firenze, Florence, Italy*
- *Kaori Fukunaga, National Institute of Information and Communications Technology (NICT), Tokyo, Japan*
- *Leonid Kuybyshev, Nadezhda Brakker, The Centre on the Problems of Informatisation of Culture (Centre PIC), Moscow, Russia*
- *Olga Sinitsyna, State Library of Foreign Literature, Moscow, Russia*
- *Natalia Kopelyanskaya, Tolerance Institute, Moscow, Russia*
- *Antonio Raschi, IBIMET – C.N.R., Florence, Italy*
- *Andrea De Polo, Fratelli Alinari Photo Archive and Museum, Florence, Italy*
- *Manuela Ciaccia, DemoAnthropological Studies Association (DemAs), L'Aquila, Italy*
- *Serena Lisi, Centro Universitario di Studi Strategici ed Internazionali (CSSI), Università di Firenze, Florence, Italy*

13,00   Lunch

ROOM B

WORKSHOP 3   *in cooperation with Tuscany Region*   *(Italian Language)*
14,30-18,45   **NEW OPPORTUNITIES FOR SME** *(NUOVE OPPORTUNITA' PER LE PICCOLE E MEDIE IMPRESE)*
                Chairman: Gianni Fabri, Amministratore Delegato, Fondazione Torino Wireless, Turin

Opening: *Simone Sorbi, Politiche Regionali dell'Innovazione e della Ricerca, Dipartimento allo Sviluppo Economico, Regione Toscana*
                Francesco Chirichigno, Presidente Fondazione Italiana Nuove Comunicazioni, Rome
                Enrico Bocci, ICT Confindustria Toscana

Technological requirements in the Cultural Heritage field are outlined and opportunities for Italian SME's working in the field, using new technologies, are presented.

Regional and national applied research Programs in Italy are described.

Activities by National Organizations and Firms working in the area of Telecommunications, Environment, Remote Sensing and Cartography are presented.

Funding by European Commission is considered, with particular reference to multimedia and telematics for Cultural Heritage, Environment and Education (e-learning). Initiatives regarding the "know-how" transfer from Research Organizations to the Industrial Sector are described.

Several Organizations and Companies present their activities and experiences.

Invited presentation: Magg. Gen. Renato De Filippis, Ten. Col. Co. Ing. Furio Donati, Ten. Col. Co. Ing. Giuseppe Sabatino
                Istituto Geografico Militare

Other Speakers include:

- *Stefano Cinquini, TELECOM ITALIA*
- *Franco Guidi, WIND TELECOMUNICAZIONI - ITnet*
- *Dario Avallone, Engineering Ingegneria Informatica*
- *Ivo Varano, GALILEO AVIONICA – Unità di Business Spazio ed Elettroottica*
- *Marco Manca, Telespazio - Finmeccanica*
- *Enrico Del Re, CNIT*
- *Edoardo Lampis - FILAS, Endrio Niero - Parco VEGA di Venezia & Distretto Veneto dei Beni Culturali*
- *Mauro Tanzi, Fondazione Sistema Toscana*
- *Stefano Ferraro, BRAIN TECHNOLOGY*
- *Luca Bassilichi, BASSNET*
- *Franco Margani, Firenze Tecnologia, Florence*
- *Bruno Cerboni, Incipit Imaging, Rome*
- *Anna Maria Bonacchi, Elios Ingegneria, Pistoia*

Wednesday 5 April

ROOM C

In cooperation with Tuscany Region

WORKSHOP 4   DIGITAL TERRESTRIAL TELEVISION (*TELEVISIONE DIGITALE TERRESTRE*)

9,00 – 13,00   *Chairman: Guido Vannucchi, Presidente AICT*

The development lines of Digital Terrestrial Television (DTT) are presented. Particular reference is given to *content protection*. Digital marking (*watermarking*) techniques are described. New applications are shown. In particular the Project, coordinated and supported by Tuscany Region, called DTT – LAB, is presented, outlining the last developments and applications.

Opening: *Giancarlo Galardi, Direttore Generale della Organizzazione e Sistema Informativo, Regione Toscana*

Speakers include:
- *Roberto Borri, CSP, Regione Piemonte*
- *Giuliano Benelli, Facoltà di Ingegneria, Università di Siena*
- *Roberto Caldelli, Università di Firenze*
- *Mario Farias – Roland Burger, Provincia Autonoma di Bolzano, Bolzano*
- *Antonio Gori, EuroTelecom, Pistoia*

11,30   Coffee Break

11,45   Round Table
      Coordinator: Andrea M. Michelozzi, Associazione Comunicare Digitale
- *Enrico Amiotti, Conax*
- *Giuseppe Burschtein, Fondazione Sistema Toscana*
- *Lodovico Poschi, Cittàdigitali*

PARALLEL WORKSHOP

ROOM B

WORKSHOP 5   CUSPIS PROJECT

9,30 – 12,30   Co-*Chairmen: Gianfranco Corini, NEXT, Rome*
            Simone Tani, Provincia di Firenze

Opening: *Antonia Pasqua Recchia, Direttore Generale Dipartimento per la Ricerca, l'Innovazione e l'Organizzazione, Ministero per i Beni e le Attività Culturali*

The structure and goals of the CUSPIS Project (Cultural Heritage Space Identification System) are presented. CUSPIS aims to introduce in Cultural Heritage sector the new positioning and navigation satellite technology provided by EGNOS and GALILEO satellite navigation systems, and to create in the user community new awareness and understanding of GALILEO's potentialities related to the safeguard, fruition and support of the Cultural Heritage**.**
Three main applications will be designed and demonstrated during the Project activities: the Cultural Asset Management (CAM), the Cultural Asset Fruition (CAF) and the Cultural Asset Geo-Time Authentication (GTA).

Speakers include:
- *NEXT: The GALILEO Program (Gianfranco Corini)*
- *ARCUS: The Project CUSPIS (Carolina BOTTI, Ettore PIETRABISSA)*
- *EXODUS: State Of Art of CH applications and related technologies (Giorgos KOUVAS)*
- *PWC: Business Analysis (Elena REBORA, Giacomo NERI)*

13,00   Lunch

ROOM C

WORKSHOP 6   MICHAEL: Accessing the European Digital Cultural Collection
14,30-18,30   *Chairman: Pier Giacomo Sola, Amitié, Bologna*

        The Workshop is organised by the MICHAEL (Multilingual Inventory of Cultural Heritage in Europe - www.michael-culture.org) Project, coordinated by the Italian Ministry for Cultural Heritage and Activities within the framework of the eTEN Programme.
The Project intends to define a common approach and a model of digital cultural heritage services that will be applied across the participating countries. It focuses on the integration and alignment of many national initiatives in the digital cultural heritage sector. MICHAEL is going to deliver interoperability of national cultural portal initiatives and a high-quality end-user service, which will facilitate the exploitation of European cultural content resources.
The Project will establish an international online service, allowing its users to search, browse and examine multiple national cultural portals from a single point of access. This online service will be actively supported and endorsed by the national governments and agencies responsible for cultural heritage.
The partners of MICHAEL currently are the French Ministry of Culture and Communication and the Museums, Libraries and Archives Council, in the United Kingdom. The Ministries of Culture of Czech Republic, Finland, Germany, Greece, Hungary, Malta, the Netherlands, Poland, Portugal, Spain and Sweden will soon join the network.

PARALLEL EVENTS

ROOM A

                                                                              (In Italian)
WORKSHOP 7   NEMO NETWORK (Navigation, Environment and MObility)
14,30-17,30   *Chairman: Lorenzo Sabatini, Etruria Innovazione,*
                                        Siena

DOCUP 2000-2006 - Az. 1.7.1

A Net of Excellence in Tuscany for the control of mobility (goods and citizens) and the environment monitoring through the employment of the modern technological systems of navigation and infomobility.
Startup of the Working Groups.

ROOM B

EPOCH GENERAL ASSEMBLY (by invitation)

15,00-17,00

Participation is reserved to EPOCH partners and invited delegates. To obtain an invitation, please contact Franco Niccolucci niccolucci@unifi.it (local contact point) or the EPOCH Coordinator David Arnold d.arnold@brighton.ac.uk

19,00   ***RECEPTION BY COMUNE DI FIRENZE (MUNICIPALITY OF FLORENCE) IN PALAZZO VECCHIO - SALONE DEI DUECENTO***
     Welcome: Giuseppe Matulli, Vice Sindaco, Comune di Firenze (Florence Municipality)

CONCERT by Quintetto d'Archi Francesco Ferroni

Electronic Imaging & the Visual Arts
Conference Programme ~ Thursday 6 April

ROOM C

Chairmen:	*Vito Cappellini, Florence University ~ James Hemsley, EVA Conferences International*

9,00	*Welcome:*	*Augusto Marinelli, Rettore Università di Firenze (Florence University)*
		Giuseppe Matulli, Vice-Sindaco, Comune di Firenze (Florence Municipality)
		Federico Gelli, Vice-Presidente Regione Toscana (Tuscany Region)
		Edoardo Speranza, Presidente Ente Cassa di Risparmio di Firenze
		Sergio Ceccuzzi, Presidente Confindustria Toscana
		Antonio Paolucci, Direttore Generale dei Beni Culturali in Toscana e Soprintendente ai Musei Fiorentini (General Director of Cultural Heritage in Tuscany and Superintendent of Florence Museums)
		Claude Poliart, Principal Administrator DG INFSO E3,Technology – Enhanced Learning and Cultural Heritage, European Commission

10,45   Coffee Break

11,00   **SESSION 1 – STRATEGIC ISSUES**
Chairmen: Vito Cappellini, Florence University ~ James Hemsley, EVA Conferences International

"COST and the European Culture Heritage"	Francesco Fedi COST Committee "Senior Officials", Rome, Italy
"The National Central Library of Florence as Trusted Digital Repository"	Antonia Ida Fontana National Central Library of Florence, Florence, Italy
"Initiatives and Projects on Digital Memory Preservation"	Maurizio Lunghi, Marco Rufino Fondazione Rinascimento Digitale, Nuove Tecnologie per i Beni Culturali, Florence, Italy
"Digital Image System (DIS) and the Digital Ambassadorship Project"	Toshiro Kamiuchi Strategic Products Development Center, Hitachi Ltd., Yokohama, Japan

13,00   Lunch

ROOM C

SESSION 2 - EC PROJECTS AND RELATED NETWORKS & INITIATIVES
Chairman: Francesco Fedi, COST Committee "Senior Officials",
Rome, Italy

"A Roadmap for the Next Generation Cultural Digital Library Service: the BRICKS Project"	Francesco S. Nucci[1], Massimo Bertoncini[1], Emilia Masci[2] [1]Engineering Ingegneria Informatica, Rome, Italy [2]Consorzio FORMA – Scuola Normale Superiore, Pisa, Italy
"A 'User Perspective' Approach to EPOCH Services"	Franco Niccolucci PIN and EPOCH NoE, Prato, Italy
"New European Projects in the Cultural Heritage and Educational Arena: Current Status and New Opportunities"	Andrea De Polo, Sam H. Minelli Fratelli Alinari IDEA, Florence, Italy
"EROS: 2006 – A Fine Vintage"	Ruven Pillay[1], Denis Pitzalis[1], Christian Lahanier[1], Geneviève Aitken[1], Matthieu Cord[2] [1]Centre de Recherche et de Restauration des Musèes de France, C2RMF, Paris, France ETIS/CNRS UMR 8051, Cergy–Pontoise, France
"The New State Museums of Florence Web Site Compliant with Minerva Principles, with High Resolution Images Access and a Prototype for E-Commerce System"	Giovanna Damiani[1], Marco Cappellini[2], Filippo Fineschi[3], Paolo De Rocco[2], Leonardo Serni[2], Paolo Romoli[2], Antonio Piraino[2], Francesco Marsoni[2] [1] Superintendent of Parma, Ministry of Cultural Heritage, Italy [2] Centrica, Florence, Italy [3] Parallelo, Florence, Italy
"Motivating Active Participation of Primary Schoolchildren in Digital Online Technologies for Creative Opportunities through Multimedia"	R. Davies[1], R. Krizova[2], D. Weiss[3] [1]MDR Partners, London, UK [2]Cross Czech, Prague, Czech Republic [3]Ciberspacio, A Coruna, Spain
"CUSPIS – A Cultural Heritage Space Identification System"	Carolina Botti[1], Giorgos Kouvas[2], Gianfranco Corini[3], Luigi Mazzucchelli[3], Elena Rebora[4], Vito Cappellini[5], Alessandro Piva[5] [1]Arcus, Rome, Italy [2]Exodus, Athens, Greece [3]Next, Rome, Italy [4]Pricewaterhouse Coopers Advisory [5]MICC, University of Florence, Italy

16,30 Coffee Break

ROOM C

16,45 **SESSION 3 –VIRTUAL GALLERIES AND MUSEUMS**
Chairman: Giovanna Damiani, Soprintendente per il Patrimonio Storico, Artistico ed Etnoantropologico di Parma e Piacenza, Italy

"What Can Electronic Imaging Bring to the Visual Arts?"	Jean Barda Image Technology Expert, La Gilardesse, France
"DIS Image Processing for Precise Replica of Wall Painting of Koguryo Tombs"	Nobuo Ikeshoji, Toshiro Kamiuchi Strategic Products Development Center, Hitachi Ltd., Yokohama, Japan
"Virtual Museum Net of Calabrian Magna Graecia"	Pier Augusto Bertacchini[1], Eleonora Bilotta[1], Alessandra Dell'Accio[2], Elvira Di Bianco[1], Pietro Pantano[2] [1] Dept. of Linguistics, University of Calabria, Italy [2] Dept. of Mathematics, University of Calabria, Arcavalata di Rende, Italy
"Museums of Russia On-line: Past and Future"	Kirill Nasedkin RCHN - Russian Cultural Heritage Network and Darwin Museum, Moscow, Russia

19,30 ***RECEPTION BY ASSOCIAZIONE DEGLI INDUSTRIALI DELLA PROVINCIA DI FIRENZE (INDUSTRIAL ASSOCIATION OF FLORENCE PROVINCE)***
Via Valfonda, 9
Welcome: Sergio Ceccuzzi, Presidente, Associazione degli Industriali della Provincia di Firenze (Industrial Association of Florence Province)

Conference Programme ~ Friday 7 April

ROOM C

9,15   **THE VI-VII FRAMEWORK PROGRAMME PLANS OF THE EUROPEAN COMMISSION**

Presentation by: Claude Poliart, Principal Administrator, DG INFSO E3, Technology – Enhanced Learning and Cultural Heritage, European Commission

10,15   Coffee Break

10,30   **SESSION 4 – DIAGNOSTIC INVESTIGATIONS & RESTORATION**
Chairman: Claude Poliart, Principal Administrator, DG INFSO E3, Technology – Enhanced Learning and Cultural Heritage, European Commission

"The Digital Paul Klee Project Management, Digitization Process and Workflow"	Sergio Gregorio, Rudolf Gschwind Imaging and Media Lab, University of Basel, Switzerland
"Comparing X-Ray and Backlight Imaging for Paper Structure Visualization"	Mark van Staalduinen[1], Jan C.A. van der Lubbe[1], George Dietz[2], Frans and Theo Laurentius[3] [1] Delft University of Technology, Information and Communication Theory, Delft, The Netherlands [2] Dutch University Institute for Art History, Florence, Italy [3] Old Master Prints, Art Dealers, Middelburg, The Netherlands
"Noninvasive Analysis of Rare Cultural Heritage Objects by Software/Hardware Systems of Mobile Nuclear Magnetic Resonance"	U. Grunin[1], I.Nikolaev[1], E. Nikol'skaya[1] V. Di Martino[2], L. Grunin[1] [1] Dept. Physics, Mary State Technical University, Yoshkar-Ola, Russia [2] CASPUR, Rome, Italy
"A Knowledge Based Model for Digital Restoration and Enhancement of Images Concerning Archaeological and Monumental Heritage of Mediterranean Coast"	E. Ardizzone[1], V. Bruni[2], V. Cappellini[3] A. De Polo[4], H. Dindo[1], U. Maniscalco[2], S. Minelli[4], L.Moltedo[2], A.Piva[3], G.Ramponi[5] G. Sajeva[6], D. Vitulano[2] [1] Computer Science Engineering Department (DINFO), University of Palermo, Italy [2] Istituto per le Applicazioni del Calcolo (I.A.C) "M. Picone", C.N.R., Rome, Italy [3] Media Integration and Communication Center (MICC), University of Florence, Italy [4] Fratelli Alinari Photo Archive and Museum, Florence, Italy [5] Department of Electrical Engineering (DEEI), University of Trieste, Italy [6] Engineering Ingegneria Informatica, Italy

12,00	*Invited Presentation*

"MICHAEL Project: Towards a Trans-European Portal of Culture"	Rossella Caffo Ministero per i Beni e le Attività Culturali, Biblioteca di Storia Moderna e Contemporanea, Rome, Italy

12,45	Lunch

ROOM C

14,00	**SESSION 5 – 3D TECHNOLOGIES & APPLICATIONS** *Chairman: David Burton, General Engineering Research Institute, Liverpool John Moores University, U.K.*

"Art and Science: From a '3D' Painting to its Floor Plan"	Luís Alberto Esteves dos Santos Casimiro Humanities Faculty, University of Porto, Portugal
"Efficient 3D Modeling of Sculptures from Photographs"	L. Ballan, N. Brusco, G.M. Cortelazzo Dept. of Information Engineering, Universiy of Padova, Italy
"Virtual Reality: Lighting and Communication for the Roman House 'La Consolata' in Aosta"	M. Rossi[1], A. Siniscalco[1], L. Appolonia[2] [1] Dept. In. D.A.Co., Politecnico di Milano, Italy [2] Direction of Cultural Heritage Valle d'Aosta, Italy
"System of the Removed Management 3-D Presentations for Virtual Museums and Galleries"	Alexey Finogeev Dept. Computer Aided Design, Penza State University, Russia

15,20	Coffee Break

15,35	**SESSION 6 - DIGITAL LIBRARIES** *Chairman: Christian Lahanier, C2RMF, Paris, France*

"A Digital Library of the Historical Visual Representations of the Giotto's Frescoes During The XIX-XX Century. The Photographic and Graphic Sources of the Basilica of Assisi"	B.Benedetti[1], A.Vecchi[2] [1] Scuola Normale Superiore, Pisa, Italy [2] Sistemi Informativi – Liberologico, Pisa, Italy
"Knowledge Based Image Analysis Applied to Ornaments in Arts"	C. Schmidt, L. Tavernier, C. Schneider, D. Paulus Institute for Computational, Visualistics and Institute for Arts and Sciences, University of Koblenz-Landau, Germany

"Advanced Search Facilities for Accessing the Crusca Academy of Italian Language"	T.M. Alisi[1], G. Becchi[1], N. Becchi[1], M. Biffi[2], G. D'Amico[1], A. Evangelisti[3], M. Fanfani[2], N. Maraschio[2] [1] MICC, University of Florence, Italy [2] CLIEO, Crusca Academy, Florence, Italy [3] DSI, University of Florence, Italy
"Reality Preserving Fractional Discrete Cosine Transforms"	Ilaria Venturini Laboratoire des Signaux et Systèmes (LSS), Supélec, Gif sur Yvette Cedex, France
"The Past on Finger Tips"	V.Yu. Matveev[1], E.F. Korolkova[1], A.N. Mazurkevich[1], D. Yu. Hookk[2], N.N. Nikolaev[1], M.E.Polkovnikova[1], E.A. Shablavina[1], A.E. Terentieva[3], A.V. Vysylaikina[3] [1]Dept. of the Eastern and Siberia Archaeology, Russia [2]Dept. of Computer and Information Technologies, Russia [3]Dept. "Storage Facility Complex in Staraya Derevnya", The State Hermitage Museum, St. Petersburg, Russia

PARALLEL SESSION

15,35   **SESSION 7 – ACCESS TO THE INFORMATION CONTENT**
Chairman: James Hemsley, EVA Conferences International

"Internet and High Definition Digital TV: The Keywords to Global Access Through Digital Convergence"	Roberto Borri[1], Giovanni Ballocca[2] [1] R&D Department, CSP, Torino, Italy [2] DTT Lab, CSP, Torino, Italy
"Encouraging Gender Balance: A Survey of European Art Museum Websites"	Jonathan P. Bowen[1], Gloria Moss[2], Rod Gunn[2], Isabel Bernal[3], Eleanor Lisney[4], Sarah McDaid , Teresa Numerico[5] [1] Institute for Computing Research, London South Bank University, UK [2] Business School, University of Glamorgan, UK [3] eIFL.net, Rome, Italy [4] Conventry University, UK [5] University of Salerno, Italy
"New Forms of Collaboration: Virtual Reseach and the Global Grid Community"	Ann Borda[1], Alpay Beler[2] [1] Institute for Computing Research, London South Bank University, UK [2] BSIS Information Systems, Birkbeck College, London, UK
"Digital Rights Management: Technical Guidelines to Greek Cultural Digitization Projects & a Pilot DRM Implementation"	Dimitrios K. Tsolis, Theodore S. Papatheodorou Computer Engineering and Informatics Department, University of Patras, Greece

"DIST.AR.NET - DISTributed ARchiving NETwork"

Simon Margulies, Ivan Subotic, Lukas Rosenthaler
Imaging & Media Lab., University of Basel, Switzerland

INFORMATION ON PARALLEL AND CONNECTED EVENTS

CONNECTED EVENT

European Workshop on Culture & Technology

(Invited Participants)

Saturday 8, Sunday 9 April,

Fattoria di Celle and Montecatini Terme, Pistoia

Sponsored by FONDAZIONE CASSA DI RISPARMIO DI PISTOIA E PESCIA

Electronic Imaging & the Visual Arts

EVA 2006 Florence

Conference, Workshops, Meetings, Training & Exhibition
3-7 April 2006

REGISTRATION

Dr/Mr/Mrs/Ms:…………………………Surname:……………………………………………………………………..
First Name:……………………………………Job Title:…………………………………………………………….
Organization:……..
Address:……
………
Post Code:……………………………………..Country:…………………………………………………………...
Tel.:……………………………………………Fax:………………………………………………………………….
Email:……
Principal Activity of your Organisation (tick one only)
Commercial ☐   Government ☐   Academic/Library/Museum ☐
Signature:……………………………………………..…………Date:…………………………………………………

Please use tick boxes

	Morning	**Afternoon**

Monday 3	☐ Workshop 1
	    EPOCH Project
		☐ Workshop 1
		    EPOCH Project

Tuesday 4:	☐ Tutorial 1
	    Restauro Elettronico
	☐ Tutorial 2
	    Copyright Protection
	☐ Workshop 2
	    International Cooperation
		☐ Workshop 3
		    Nuove Opportunità per le
		    Piccole Medie Imprese

Wednesday 5:	☐ Workshop 4
	    Televisione Digitale
	    Terrestre
	
	☐ Workshop 5
	    CUSPIS Project
		☐ Workshop 6
		    MICHAEL Project
		☐ Workshop 7
		    NEMO Network
		☐ Reception in Palazzo Vecchio
		    (late afternoon)

Thursday 6:	☐ Conference Sessions	☐ Conference Sessions
		☐ Reception by Associazione
		    degli Industriali della Provincia
		    di Firenze (late afternoon)

Friday 7:	☐ Conference Sessions	☐ Conference Sessions

The participation to all the Events is free.
Coffee Breaks are offered by the Organization. Lunches are not provided.

This registration Form is to be sent by mail or fax to:
Prof. Vito Cappellini & Secretariat
E-mail: cappellini@det.unifi.it
Fax: (+39) 055-461701