

LECTURES

INVITED LECTURE

- 'Image Index for Art & Architecture'** 1
1.5 million digital images, techniques, databases, development, co-operative production, cultural policy implications.
Professor Dr Lutz Heusinger (Bildarchiv Foto Marburg)

DIGITIZING: BEGINNING NEW MEDIA APPLICATION

- Incunabla on the Internet – a Digitisation Project of the Bayerische Staatsbibliothek** 2
Dr Marianne Dörr (Bayerische Staatsbibliothek, Munich, Germany)
- Digitisation of the Prints & Drawings of the Albertina Graphics Collection** 3#
Dr Barbara Dossi (Graphische Sammlung Albertina, Vienna, Austria)
- Image Processing and UV/Vis/IR-Reflectography with Bandpassfilters.
The Making Visible of Washed or Rubbed Writing in Medieval Manuscripts Analysis of Underdrawings in Book Painting - Presentation of the Printed Digitized Images** 4
Professor Robert Fuchs (Fachhochschule Köln, Cologne, Germany)
- Photo-Realistic Visualization of Objects and Scenarios** 5
Professor Thomas Stautmeister (INNOTECH Holztechnologien, Berlin, Germany)
- Digitizing and CNC-Premachining of Stone Sculptures** 6
Dr Bruno Lull (ITW Institut für innovative Technologien Chemnitz, Germany)
- Material of Ethnographic Expeditions in Ukraine Multimedia Publication** 7
V V Petrov, O S Onyschenko, S M Shanoylo, A A Kryuchin, M Y Kolesnikov, L V Sholohova (National Academy of Sciences of Ukraine, Kyiv)
- Direct Play back of Negatives of Historic Sound Cylinders** 8
Thomas Kessler (Gesellschaft zur Förderung angewandter Informatik e.V., Berlin, Germany)

CULTURAL DATABASES: CAPTURE – MAINTENANCE - RETRIEVAL

- XML/SGML Technology in the Field of Mediating Cultural Heritage** 9
Recording - Archiving – Information Retrieval in order to mediate Cultural Heritage
Dr Johannes Palme (Institut für Terminologie und angewandte Wissensforschung, Berlin, Germany)
- The SIM Project – Multimedia Information System for Museums** 10
Carmen Sauer, Dr Dan Donciulescu, Cornelia Lepădatu, Cristina Orășanu (Research Institute for Informatics, Bucharest, Romania), Lucian Vasilica (National Museum of Art of Romania)
- Conception and development of a database System for art and cultural properties KuKuG („Kunst und Kulturgut“)** 11
Ulrich Lang (KuKuG Projektentwicklungsgesellschaft, Berlin, Germany)
- Content-Based Retrieval of Digital Archives using Statistical Object Modeling Techniques** 12
Stefan Müller, Frank Wallhoff, Stefan Eickeler, Gerhard Rigoll (Gerhard-Mercator-Universität Duisburg, Germany)
- Merging Image Features by Self Organizing Maps in Coats of Arms Retrieval** 13
Christian Breiteneder (University of Vienna, Austria), Dieter Merkl (Vienna University of Technology, Austria), Horst Eidenberger (Ministry of Science and Transport, Vienna Austria)
- The Digital Archive for Design, Art and Architecture. Summery of the Research Project of the Design Department** 14
Dr Markus Paulußen (Hochschule Anhalt - Universität für angewandte Wissenschaften, Dessau, Germany)

PRESENTATIONS – MULTIMEDIA PROJECTS – CULTURE ON THE WWW

Seven Hills. Images and Signs of the 21st Century	15
An Exhibition of the Berliner Festspiele GmbH for the Millenium 2000 in the Martin-Gropius-Bau Bodo-Michael Baumunk, Dr. Hendrik Budde, Ulrike Goeschen (Berliner Festspiele GmbH, Germany)	
Visualizing Uncertainty in Virtual Reconstructions	16
T. Strothotte ¹ , M. Puhle ² , M. Masuch ¹ , B. Freudenberg ¹ , S. Kreiker ² , B. Ludowici ³ (¹) Otto-von-Guericke-Universität Magdeburg, (²) Kulturhistorisches Museum Magdeburg, (³) Geisteswissenschaftliches Zentrum Geschichte und Kultur Ostmitteleuropas, Leipzig, Germany)	
Museums and WWW: Between Visit Information and Virtual Exhibition	17
Petra Schuck-Wersig, Professor Gernot Wersig (Freie Universität Berlin, Germany)	
The Use of the Internet for the Public Relations and Press Work of the Staatliche Museen zu Berlin – Preußischer Kulturbesitz	18
Christoffer Richartz, Karin Schmidl (Staatliche Museen zu Berlin, Außenamt, Berlin, Germany)	
The LeMO Project – Developing a Virtual Exhibition of 20th Century German History	19
Kai Albrecht, Dr Burkhard Asmuss (German Historical Museum, Berlin, Germany), Dorlis Blume, Dr Jürgen Reiche (Haus der Geschichte of the Federal Republic of Germany, Bonn), Rainer Häner, Lutz Nentwig (Fraunhofer Institute for Software and Systems Engineering, Berlin)	
Knowledge Dissemination through Digital Media in Museums and Exhibitions	20
Christof Siedel (märzdesign, Berlin, Germany), Jürgen Mrosek (Staatliche Museen zu Berlin / Außenamt, Germany)	
Strategies of Knowledge Transfer in Interactive Media	21
Harald Krämer (Universität zu Köln, Cologne, Germany & Die lockere Gesellschaft – Transfusionen, Wien, Austria)	
Evaluation of the Lotsensystem of the Berlin State Museums (SMPK)	22
Claudia Wölfle (LuRaTech, Berlin, Germany)	
Evaluation of the Use of POI Systems in the German Salt Museum	23
Professor Andreas M Heinecke (Fachhochschule Gelsenkirchen, Germany)	
ComZ – The Alternative Kind of Presentation	24
Günther Gromke (CD Service Günther Gromke, Leipzig, Germany)	
The Logistics of Images: On the Participation of Art History in the Design of New Forms of Information	25
Dr Matthias Bruhn (Universität Hamburg, Germany)	
Digital Imaging Database Systems need "Digital Originals"	26
Helmut G. Hofmann (Kodak Professional, Stuttgart, Germany), Gary Kammerhuber (Kantonsachäologie Brugg, Switzerland)	
The Project "Theses Online". Publication between Science and Library	27
Susanne Dobratz, Dr Hans-Ulrich Kamke (Humboldt Universität Berlin, Germany)	
MultiMedia Management at "Die Deutsche Bibliothek"	28
Jürgen Kessler (CSC Ploenzke AG, Munich, Germany)	
Artchannel. Video Content on the Web. Live Webcasts at the Kunst- und Ausstellungshalle der Bundesrepublik Deutschland – Bonn, Germany	29
Norbert Kanter (Kunst- und Ausstellungshalle of the Federal Republic of Germany, Bonn, Germany)	

Presentations

Image Archive for Culture and Architecture Bildarchiv Foto Marburg, Germany	P1 *
Austrias Cultural Information System AEIOU. 3 Years of Online Experience Bundesministerium für Wissenschaft und Verkehr, Vienna, Austria	P2
The MultiMedia Management at "Die Deutsche Bibliothek" CSC Ploenzke AG, Munic, Germany	P3 *
The LeMO Project - Developing a Virtual Exhibition of 20th Century German History Deutsches Historisches Museum, Berlin & Haus der Geschichte der Bundesrepublik Deutschland, Bonn & Fraunhofer-ISST, Berlin, Germany	P4 *
The Generation of Dynamic Virtual (3D) Presentation Localities in the Internet. Electronic Commerce and Secure Transactions shown by Media and Net Art from Berlin TU Berlin, Forschungszentrum für Netzwerktechnologien und Multimedia, Germany	P5
I Overview of Image Formats suitable for Presentation of Art on the WWW II Dependence of Image Quality Measures on the Lossy JPEG Compression Rate. Can the Optimal Compression Rate of Images intended for Presentation of Art on the WWW be found? III Wavelet Compression Techniques as a Tool for the Presentation of Printed Documentes on the WWW Silesian Technical University of Gliwice, Poland	P6
The Electronic Slide Library. The Application of an Electronic Database in the Art History Slide Library at Humboldt-University Berlin Humboldt-Universität zu Berlin, Kunstgeschichtliches Institut, Germany	P7
Photo-Realistic Visualization of Objects and Scenarios INNOTECH Holztechnologien, Berlin, Germany	P8 *
Stereo/3D Scanner for Use in Art and Museums Stereoscopic Scanning, Berlin, Germany	P9
Optical Acquisition and Evaluation of Range Data for Analysis and Documentation of Archaeological Samples Universität Münster, Labor für Biophysik, Germany	P10
3D-Photomodels and Digital Metric Images - the Use of New Technologies in Architecture and Monument Conservation fokus Gesellschaft für Bauvermessung, Photogrammetrie und Bildverarbeitung, Leipzig, Germany	P11
A System Solution for Digital Panoramic Photography Spheron VR, Kaiserslautern, Germany	P12
Touchless On-Site Data Acquisition System for Freeformed Details of Architecture like Statues, Relief, Capitals Gesellschaft zur Förderung angewandter Informatik e.V., Berlin, Germany	P13
BIDAS Image Data System Duehrkohp & Radicke, Göttingen, Germany	P14
Public and Regional Landscape Image Databases / Photo Library Fachhochschule Eberswalde & Zentrum für Agrar- und Landschaftsnutzung, Müncheberg, Germany	P15

Use of Media Independed Archived Photo CD Images in Practice CD-Service Günther Gromke, Leipzig, Germany	P16
Information System OBJEKT. Dynamic Object and Media Administration DEM Gesellschaft für digitale Datenverarbeitung, Olpe, Germany	P17
Virtual Reconstruction of the Berlin Castle and Nobunaga's Palace IIEF Berlin, Germany	P18
Berlin Connection. An Interactive Documentary Thriller! eku interactive, Germany	P19
Multimedia and Archaeology - a CD-ROM on the Antique City of Pergamon Project group leded by Dr Jürgen Süß, Brühl, Germany	P20
Vienna Walk Demo – a Prototype of an Interactive Movie Universität zu Köln, Cologne, Germany & Die lockere Gesellschaft, Vienna, Austria	P21*
Materials of Ethnographic Expeditions in Ukraine Multimedia Publication National Academy of Sciences of the Ukraine, Kiev	P22*
Creation of the Database : The Medieval Sculptures from the Steppes of Asia and Europe Village-Museum Bucharest, Romania	P23#
Evaluation of the Lotsensystem of the Berlin State Museums (SMPK) LuRaTech, Berlin, Germany	P24*
MuseumPlus – the Comprehensive Collection Management System zetcom Informationsdienstleistungen AG, Bern, Schwitzerland	P25
Digital Knowledge Transfer in Museums and Exhibitions Außenamt der SMPK & märzdesign, Berlin, Germany	P26*
To Percept Means to Give Truth twosuns GmbH media development, Berlin, Germany	P27
emii European Museums' Information Institute European Museums' Information Institute	P28
Poster: Neutron Autoradiography of Paintings SMPK Gemäldegalerie & Hahn-Meitner-Institut & SMPK Rathgen-Forschungslabor, all Berlin, Germany	P29
Poster: Information System in the National Museum of Art of Romania - Achievement and Projects Nartional Museum of Art of Romania, Bucharest	P30
Poster: The Assessment of Compression Induced Image Degradation Defence Evaluation and Research Agency, UK	P31

* A conference lecture is being given on this topic, therefore the written contribution may be found in the list of lectures

No written contribution has been provided by the speaker / exhibitor. However, materials may be distributed at the conference. In case of particular interest, we shall be pleased to help in establishing contact.