

## VSMM 2008 - AGENDA FOR THE PROJECT PAPERS

**Monday 20.10.2008**

### Session I Data Acquisition and Remote Sensing in Cultural Heritage I

Time	Paper ID	Room: Demetra	Chair: Sorin Hermon	Authors
14:00-14:15	37	THE IMPACT OF GPS TAGGING ON IMAGE BASED DOCUMENTATION AND 3D RECONSTRUCTION OF CULTURAL ASSETS		Gunter Pomaska
14:15-14:30	100	THE IMPORTANCE OF CONSIDERING ATMOSPHERIC CORRECTION IN THE PRE-PROCESSING OF SATELLITE REMOTE SENSING DATA INTENDED FOR THE MANAGEMENT AND DETECTION OF CULTURAL SITES: A CASE STUDY OF THE CYPRUS AREA		Diofantos Hadjimitsis
14:30-14:45	24	THE HARRIS MATRIX COMPOSER - A NEW TOOL TO MANAGE ARCHAEOLOGICAL STRATIGRAPHY		Christoph Traxler; Wolfgang Neubauer
14:45-15:00	108	COMPREHENSIVE LOW-COST DOCUMENTATION OF BUILT HERITAGE USING SOCIAL NETWORKS, OPEN SOURCE SOFTWARE AND RICH INTERNET APPLICATIONS		Riyaz Fazal

#### PARALLEL SESSION

### Session II Digital Libraries

Time	Paper ID	Room: Aphrodite and Poseidon	Chair: George Stylianou	Authors
14:00-14:15	75	PLANNING OF A METRIC HISTORICAL AND DOCUMENTAL ARCHIVE FOR THE REALIZATION OF A CITY'S CULTURAL PORTAL		DOMENICA COSTANTINO, MARIA GIUSEPPA ANGELINI, GIOVANNI CAPRINO
14:15-14:30	21	WEB ARCHIVE SWITZERLAND: COLLECTING AND ARCHIVING WEBSITES AT THE SWISS NATIONAL LIBRARY		Barbara Signori
14:30-14:45	27	BIODIVERSITY HERITAGE LIBRARY: BUILDING A DIGITAL OPEN ACCESS LIBRARY FOR BIODIVERSITY LITERATURE		Graham Higley
14:45-15:00				

### Session III Data Acquisition and Remote Sensing in Cultural Heritage II

Time	Paper ID	Room: Demetra	Chair: Martin Somers	Authors
15:30-15:45	88	A MULTI-RESOLUTION METHODOLOGY FOR ARCHEOLOGICAL SURVEY: THE POMPEII FORUM		Gabriele Guidi; Fabio Remondino; Michele Russo; Alessandro Rizzi; Francesca Voltolini
15:45-16:00	45	INTEGRATED DIGITAL TECHNOLOGIES TO SUPPORT RESTORATION SITES: A NEW APPROACH TOWARDS A STANDARD PROCEDURE		Dario Piatti; Filiberto Chiabrando; Francesco Nex; Fulvio Rinaudo
16:00-16:15	83	THE IMPORTANCE AND CHALLENGES OF E-DOCUMENTATION FOR THE CONSERVATION FIELD		Vasiliki Lysandrou; Giorgos Stylianou
16:15-16:30	18	3D DIGITAL DOCUMENTATION FOR THE RESTORATION OF CULTURAL HERITAGE. THE EXPERIENCE OF THE OLD CITY OF ALEPPO REHABILITATION PROJECT.		M <sup>a</sup> Amparo Núñez; Felipe Buill; Joaquín Regot; Andrés de Mesa
16:30-16:45	67	RECORDING AND DOCUMENTATION OF ARCHAEOLOGICAL AND ARCHITECTURAL FRAGMENTS USING AUTOMATED STEREO PHOTOGRAMMETRY		Frank Henze; Henning Burwitz; Gunnar Siedler
16:45-17:00	70	THE LEGACY OF COLONIAL BUILDINGS IN KHULNA CITY - AN APPROACH TO DIGITAL DOCUMENTATION		Rahaman Hafizur
17:00-17:15	86	EXPLOITING THE CONTEMPORARY TOPCON IMAGING TOTAL STATION FOR CULTURAL HERITAGE RECORDING		Aggeliki Barakou; Andreas Georgopoulos; George Pantazis
17:15-17:30	97	MOBILE LIDAR MAPPING FOR URBAN DATA CAPTURE		Norbert Haala

<b>Tuesday 21.10.2008</b>
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<b>Digital Archives On-Line</b>
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Time	Paper ID	Room: Demetra	Chair: Eleni Kyza	Authors
15:30-15:45	33	INTEGRATION, MANAGEMENT AND PRESERVATION OF ARCHAEOLOGICAL DIGITAL RESOURCES IN THE ERA OF INTEROPERABILITY AND DIGITAL LIBRARIES: THE NEW INFORMATION SYSTEM FOR THE SUPERINTENDENCE OF NAPLES AND POMPEII		Maria Emilia Masci; Benedetto Benedetti; Rony Cesana; Andrea Vecchi
15:45-16:00	74	ARCHIVES ON LINE: HOW ARCHIVIO DI STATO DI RIMINI JOINED THE SIAS		Gianluca BRASCHI
16:00-16:15	106	ONLINE ACCESS TO DIGITAL COLLECTIONS –DESIGN AND USE OF MUSEUM DATABASES		Ion Gil Fuentetaja; Maria Economou
16:15-16:30	40	COLLECTION DESCRIPTION IN THE EUROPEAN INFORMATION LANDSCAPE: MICHAEL, THE MULTILINGUAL INVENTORY OF CULTURAL HERITAGE IN EUROPE		Giuliana De Francesco; Kate Fernie
16:30-16:45	32	NESTOR - THE GERMAN NETWORK OF EXPERTISE IN DIGITAL LONG-TERM PRESERVATION		Natascha Schumann
16:45-17:00	77	DIGITIZATION, DOCUMENTATION AND DISSEMINATION OF DIMITRIOS KASLAS' ARCHIVE		Alexandros Kapaniaris ; Dafni Economou ; Dimitrios Charitos
17:00-17:15	69	eSciDoc - A SERVICE INFRASTRUCTURE FOR CULTURAL HERITAGE CONTENT		Natasa Bulatovic; Ulla Tschida; Andreas Gros
17:15-17:30				

**Thursday 23.10.2008**

**Session I CH Digital Documentation and Communication**

Time	Paper ID	Room: Demetra	Chair: George Stassinopoulos	Authors
14:00-14:15	87	A WEB BASED GIS FOR THE BYZANTINE CHURCHES OF CYPRUS		Athos Agapiou; Andreas Georgopoulos; Marinos Ioannides; Charalambos Ioannidis
14:15-14:30	3	LESSONS LEARNED FROM CULTURAL HERITAGE DIGITISATION PROJECTS IN CRETE		Emmanuel Maravelakis; Michalis Andrianakis; Kostas Psarakis; Nikolaos Bolanakis; George Tzatzanis
14:30-14:45	107	A MULTIMEDIA APPLICATION FOR EXPLOITATION AND VIRTUAL FRUITION OF ANCIENT ARCHAEOLOGICAL ARTIFACTS: THE EXPERIENCE OF THE 2ND CENTURY ROMAN BALTEUS OF AOSTA		PAOLO SALONIA; TOMMASO LETI MESSINA; ANDREA MARCOLONGO; ANDREA POZZI; SERENA SCOLASTICO
14:45-15:00	109	MULTIMEDIA FOR LEARNING ABOUT PRE-COLUMBIAN WEAVINGS IN A RECREATIONAL ENVIRONMENT		Diego Aracena-Pizarro; Yerko Paredes-Orellana; Julia Cordova-Gonzalez

**PARALLEL SESSION**

**Session II Cultural Heritage Resource Information Systems**

Time	Paper ID	Room: Aphrodite and Poseidon	Chair: Pierre Drap	Authors
14:00-14:15	43	TOOLS FOR A DIGITAL READING OF ANDREA PALLADIO'S I QUATTRO LIBRI DELL'ARCHITETTURA		Simone Baldissini; Marco Gaiani; Guido Beltramini
14:15-14:30	29	MULTISPECTRAL ACQUISITION AND ANALYSIS OF ANCIENT DOCUMENTS		Florian Kleber; Martin Lettner; Markus Diem; Maria Vill; Robert Sablatnig
14:30-14:45	112	SYSTEMISATION OF KNOWLEDGE FOR THE CONSERVATION AND CULTURAL DEVELOPMENT OF PIEDMONT'S MOSAIC HERITAGE.		Cristina Coscia; Elena Fregonara; Alice Mainardi; Ursula ZIch
14:45-15:00	17	ENRICH: AN ECONTENTPLUS PROJECT FOR CREATION OF A EUROPEAN DIGITAL LIBRARY OF MANUSCRIPTS		Adolf Knoll; Stanislav Psohlavec; Tomáš Psohlavec; Zdeněk Uhlíř

**Session III CH Digital Representations**

Time	Paper ID	Room: Demetra	Chair: Adolf Knoll	Authors
15:30-15:45	39	STANDARDS, METADATA, ONTOLOGIES: CULTURAITALIA TOWARDS THE SEMANTIC WEB		Karim Ben Hamida; Irene Buonazia; Sara Di Giorgio; Maria Emilia Masci; Davide Merlitti
15:45-16:00	66	MULTIFUNCTIONAL ENCODING SYSTEM FOR ASSESSMENT OF MOVABLE CULTURAL HERITAGE		Vivi Tornari; Irini Bernikola; Wolfgang Osten; Roger Grooves; Marc Georges
16:00-16:15	81	3D MODELING AND SEMANTIC CLASSIFICATION OF ARCHAEOLOGICAL FINDS FOR MANAGEMENT AND VISUALIZATION IN 3D GIS		Anna Maria; Manferdini Fabio Remondino; Simone Baldissini; Marco Gaiani; Benedetto Bendetti
16:15-16:30	90	STANDARDS AND GUIDELINES FOR QUALITY DIGITAL CULTURAL THREE-DIMENSIONAL CONTENT CREATION		Andrea D'Andrea; Giuliana De Francesco
16:30-16:45	99	TOPONYMS AS HORIZONTAL LAYER IN DOCUMENTING AND LISTING OF CULTURAL ITEMS		George I. Stassinopoulos
16:45-17:00	6	A VERSATILE WORKFLOW FOR 3D RECONSTRUCTIONS AND MODELLING OF CULTURAL HERITAGE SITES BASED ON OPEN SOURCE SOFTWARE		Anestis Koutsoudis; Fotios Arnaoutoglou; George Pavlidis; Despoina Tsiafaki; Christodoulos Chamzas
17:00-17:15	73	PROCESSING THE CULTURAL HERITAGE IN LIGURIA: A GOOD PRACTICE CASE STUDY		Elena Calandra; Giuliana De Francesco; Maria Teresa Natale
17:15-17:30	68	VENUS (Virtual ExploratioN of Underwater Sites), TWO YEARS OF INTERDISCIPLINARY COLLABORATION		Pierre Drap

**Friday 24.10.2008**

**Session I Virtual Reality Applications in Cultural Heritage**

Time	Paper ID	Room: Demetra	Chair: Norbert Haala	Authors
14:00-14:15	38	VIRTUAL REALITY TECHNOLOGY IN MUSEUMS: AN IMMERSIVE EXHIBIT IN THE "MUSEO LEONARDIANO"		Nicoletta Adamo-Villani; Paolo Fiamma
14:15-14:30	98	THE DEVELOPMENT OF AN e-MUSEUM FOR CONTEMPORARY ARTS		Petros Patias
14:30-14:45	26	A WEB-BASED VIRTUAL MUSEUM APPLICATION		Timo Kunkel; Melinos Averkiou; Yiorgos Chrysanthou
14:45-15:00	105	REMOTE VIRTUAL ACCESS TO 3D PHOTOGRAMMETRY: e-VMV VIRTUAL MUSEUM OF THE VILLA REALE IN MONZA		Raffaella Brumana; Branka Cuca; Francesco Fassi; Daniela Oreni

**PARALLEL SESSION**

**Session II ICT Communication of CH**

Time	Paper ID	Room: Aphrodite and Poseidon	Chair: Artemis Valanis	Authors
14:00-14:15	57	COME BACK TO THE FAIR		Lori Walters; Charles Hughes; Eileen Smith
14:15-14:30	46	THE COMMUNICATION MODEL OF THE ANTHROPOLOGY MUSEUM: CASE OF MULTIMEDIA INFORMATIONAL-EXPOSITION COMPLEX OF THE MAE (KUNSTKAMERA) RAS		Tatyana Bogomazova; Julia Kupina
14:30-14:45	53	DESIGNING INTEROPERABLE MUSEUM INFORMATION SYSTEMS		Dimitris Gavrilis ; John Tsakonas ; Christos Papatheodorou
14:45-15:00	111	A DYNAMIC WORKFLOW MANAGEMENT FRAMEWORK FOR DIGITAL HERITAGE AND TECHNOLOGY ENHANCED LEARNING		Abdullah Al-Barakati; Zeeshan Patoli; Michail Gkion; Wei Zhang; Natalia Beloff

**Session III Image Analysis and Reconstruction**

Time	Paper ID	Room: Demetra	Chair: Eleni Kyza	Authors
15:30-15:45	23	EXTRACTION OF NUMERIC DATA FROM MULTILINGUAL ARCHEOLOGICAL PAPERS		Hans Paijmans
15:45-16:00	4	VIDEO ACTIVE – EUROPEAN TELEVISION HERITAGE ONLINE		Johan Oomen; Vassilis Tzouvaras; Alexander Hecht
16:00-16:15	48	FOCUS K3D: PROMOTING THE USE OF KNOWLEDGE INTENSIVE 3D MEDIA		Bianca Falcidieno; Marios Pitikakis; Michela Spanguolo; Manolis Vavalis; Catherine Houstis
16:15-16:30	25	ABSTAND: DISTANCE VISUALIZATIONS FOR GEOMETRIC ANALYSIS		Torsten Ullrich; Volker Settgast; Dieter Fellner
16:30-16:45	50	IMAGE-BASED CLASSIFICATION OF ANCIENT COINS		Martin Kappel; Klaus Vondrovec; Maia Zaharieva; Sebastian Zambanini
16:45-17:00	30	EXPERIMENTING TIMELINES FOR ARTIFACTS' ANALYSIS: FROM TIME DISTRIBUTION TO INFORMATION VISUALIZATION		Jean-Yves Blaise; Iwona Dudek
17:00-17:15	65	X-RAY CT: A POWERFUL ANALYSIS TOOL FOR ASSESSING THE INTERNAL STRUCTURE OF VALUABLE OBJECTS AND FOR CONSTRUCTING A 3D DATABASE		Jan Dewanckele; Veerle Chudde; Jelle Vlassenbroeck; Manuel Dierick; Yoni De Witte
17:15-17:30				

<b>Saturday 25.10.2008</b>
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<b>Session I ICT in CH Museums</b>
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Time	Paper ID	Room: Demetra	Chair: Krzysztof Walczak	Authors
14:00-14:15	96	CROSS-MEDIA AND UBIQUITOUS LEARNING APPLICATIONS ON TOP OF ICONOGRAPHIC DIGITAL LIBRARY		Desislava Paneva-Marinova; Lilia Pavlova-Draganova; Radoslav Pavlov; Maria Sendova
14:15-14:30	47	A MOBILE EXPLORER FOR THE HISTORICAL CITY OF SALZBURG		Pascal Costa; John Pereira; Andreas Strasser; Margareta Strasser; Thomas Strasser
14:30-14:45	41	THE DIVINE PROJECT : INTERACTIVE VISITOR ACCESS TO ARCHIVE AND SCIENTIFIC MULTIMEDIA VIA HAND-HELD COMPUTERS AND MOBILE DEVICES		Ruven Pillay; Genevieve Aitken; Denis Pitzalis; Jean-Louis Coudrot; Didier Nicholson
14:45-15:00				

<b>Session II VR and 3D Modelling</b>
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Time	Paper ID	Room: Demetra	Chair: Stefan Maaß	Authors
15:30-15:45	49	DIGITAL OCEAN: A NATIONAL PROJECT FOR THE CREATION AND DISTRIBUTION OF MULTIMEDIA CONTENT FOR UNDERWATER SITES		Alain Dinis ; Nicolas Fies ; Nader Cheaib ; Samir Otmane; Malik Mallem
15:45-16:00	85	THE RECONSTRUCTION OF THE ARCHAEOLOGICAL LANDSCAPE THROUGH VIRTUAL REALITY APPLICATIONS: A DISCUSSION ABOUT METHODOLOGY		Lola Vico Lopez; Valentina Vassallo
16:00-16:15	93	DETAILED 3D RECONSTRUCTION OF THE GREAT INSCRIPTION OF GORTYNA,		Fabio Remondino
16:15-16:30	78	THE SEARCH FOR THE LOST GARDEN OF THE COURT OF THE LIONS: RE-ANIMATION OF A HERITAGE LANDSCAPE		Mansoor Ma; Nancy Pollock-Ellwand
16:30-16:45	94	DIGITAL RAVENNA: EXPLORATING THE TOWN THREE-Dimensionally		Luca Cipriani; Massimo Ballabeni
16:45-17:00	72	DIGITAL DELPHI: THE 3D VIRTUAL RECONSTRUCTION OF THE HELLENISTIC PLUNGE BATH AT DELPHI		Alyson Gill; Arne Flaten
17:00-17:15	13	DIGITAL WACHAU		Gernot Riether
17:15-17:30	42	MEMORY OF THE SILK ROAD - THE DIGITAL SILK ROAD PROJECT -		Kinji Ono; Asanobu Kitamoto; Makiko Onishi; Andaroodi Elham; Yoko Nishimura