

## Tuesday, April 8 2003

08.00 - 16.00	Registration - Steinsaal II		
09.00 - 17.00	Scientific Excursion: Prehistoric Settlement Topography in Vienna		
09.00 - 09.15	Room 1 - Festsaal: Short Presentation of the Workshops		
	09.15 - 12.15	12.15 - 14.00	14.00 - 17.00
Room 1 - Festsaal	Preparation	Lunch Break	G. Avern, UK CAA 2003 - Discussion Forum: Small- and Medium-Scale 3D Modelling in Archaeology
Room 2 - Wappensaal	N. Shaw, UK Archaeology Museums & 3D: A New European International 'Network of Excellence and Roadmap' Project	Lunch Break	O. Harl, Austria Cultural Heritage - Internet - digital Navigation-systems and Tourism
Room 3	M. Ashley López, USA Real Webs and Virtual Excavations: A role for digital media recording in archaeological site management	Lunch Break	ECAI - Session
Room 4 - Zi 24	M. Schrenk, E. Schmidinger, Austria Requirements for and methodology of 4D-Content Management Systems	Lunch Break	L.-I. Larsson, Sweden INTRASIS - The Intra Site Information System
Room 5 - ADV	J. Kenny, UK The Preservation ARENA: Helping your data survive	Lunch Break	G. Lange, Netherlands National Reference Collections
Room 6 - Nordbuffet		Lunch Break	St. Stead, UK The CIDOC Conceptual Reference Model as a Tool for Integrating Cultural Information
Room 7 - ADV 473	W. Beex, Netherlands Use and abuse of Digital Terrain/Elevation Models		
Room 8 - OCG	T. Bell, Y. Veter, UK Getting Archaeology online: Using PHP and MySQL to develop dynamic WebPages	Lunch Break	T. Bell, Y. Veter, UK Getting Archaeology online: Using PHP and MySQL to develop dynamic WebPages
19.00 - 20.30	Austrian National Library (ÖNB) - Welcome-Reception		

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Wednesday, April 9 2003

08.00 - 16.00	Registration - Steinsaal II				
09.00 - 09.30	<p>Opening - Festsaal</p> <p>Dr. Ortolf Harl - City of Vienna Department of Urban Archaeology</p> <p>Dr. Andreas Mailath-Pokorny - Executive City Councillor for Cultural Affairs and Science</p> <p>Dr. Michael Häupl - Mayor of the City of Vienna</p> <p>Dr. Thomas Klestil - Federal President of the Republic of Austria</p>				
	Invited Speakers				
09.45 - 10.30	Rudolf Schicker, Austria - Executive City Councillor for Urban Development and Transport				
10.30 - 10.45	Coffee Break				
10.45 - 11.30	Heinz Zemanek, Austria- The Inventor of the first Austrian Computer "Mailüfterl" Archaeological Information - An Information Scientist Looks on Archaeology				
11.30 - 13.00	Lunch Break				
	Room 1 - Festsaal	Room 2 - Wappensaal	Room 3 - 317	Room 4 - 319	Room 5 - ADV
	Chair: G. Avern, UK	Chair: St. Bullas, UK	Chair: N. Ryan, UK	Chair: C. Orton, UK	Chair: J. Barceló, Spain
	VIRTUAL REALITY	MEMORIAL SESSION	RESCUE ARCHAEOLOGY	STATISTICS	CAD
13.00 - 13.20	Zs. Vasáros, G. Divinyi, Hungary Progressive 3D modelling of the Theban Tomb 32	Peter Reynolds Memorial Session  "His Legacy and his Beneficiaries"	N. Tasic, V. Jevremovic, P. Dakic, M. Maric, Yugoslavia ARCHAEOPACKPRO! - A software for archaeological excavations and research	E. Begovatov, Russia Some tasks of reconstruction in archaeology (osteology and ceramics)	V. Nautiyal, M. Naithani, S. Nautiyal, India Development of digital archives of archaeological resources: New opportunities of archaeological computing in India
13.20 - 13.40	S. Paley, USA The Citadel of Nimrud Iraq: A Virtual Reality Interactive Model as a resource for World Heritage Preservation	J. West, Gary Allman UK Experimental Archaeology at Butser Ancient Farm	F. Djindjian, France Computerised Methods and Methodology dedicated to Rescue Archaeology	A. Gilboa, A. Karasik, I. Sharon, U. Smilansky, Israel Towards computerised ceramic typology and classification	G. Indurszewski, G. Farin, A. Razdan, A. Simon, D. Van Alfen, J. Rowe, Germany/USA Application of 3D Modelling in ship reconstruction and analysis. Tools and techniques
13.40 - 14.00	M. Forte, S. J. Kay, M. E. Bonfigli, A. Guidazzoli, M. Zane, Italy Aksum Project a Virtual Reality Multi Platform for reconstructing Archaeological Landscapes	St. Dyer, A. Alani, UK The Archaeo-Geophysical Test Site	M. Doneus, W. Neubauer, Austria Digital recording of stratigraphic excavations	G. Leite Velho, Portugal Minding the Mining	F. Melero, A. Leon, F. Contreras, J. Torres, Spain A new system for interactive vessel reconstruction and drawing
14.00 - 14.20	B. Frischer, USA "The UCLA CVRLab Roman Forum Project: Final Report"	St. Bullas, UK Recording & Maintenance of the Results Database	H. Skousen, Denmark Between soil and computer - Digital registration of field data on a Danish excavation project	K. Ozawa, Japan An overlapping cluster scheme	CULTURAL HERIT. & PUBL. T. Granollers, J. Lorés, G. Raimat, E. Junyent; E. Tartera, C. Aquilo, Spain Design of augmented reality systems in archaeological sites
14.20 - 14.40	A. Goncalves, A. Mendes, Portugal The rebirth of a Roman Forum - The case study of the Flavian Forum of Conimbriga"	Ch. Shaw, UK Delving into the Future	L. Iakovleva, Ukraine Computerised methods for Palaeolithic art studies	M. Baxter, C. Beardah, UK? Statistical computing and compositional data analysis in archaeology"	A. Guidazzoli, M. Alessio Mauri, G. Boetto Cohen, R. Salvi, R. Perani, M. C. Liguori, Italy Augmented Culture: Historical environments for captivating educational TV programs"
14.40 - 15.00	J.-A. Beraldin, M. Picard, S. F. El-Hakim, G. Godin, V. Valzano, A. Bandiera, Canada Photorealistic 3D modelling of a Byzantine Crypt		M. Forte, S. Pescarin, R. Sala, J.-M. Deom, Italy Land use and irrigation works in Kazakhstan in the present and in historical times. Geo-archaeological investigations throughout GIS and Remote Sensing	T. Kerig, Germany Toward a cultural measure of time: Remarks on phasing CA-derived Petriematrixes and the use of DCA	M. Jobst, Austria Presenting archaeological information with the help of multimedia cartography
15.00 - 15.20	Coffee Break				

## Wednesday, April 9 2003

	Room 1 - Festsaal	Room 2 - Wappensaal	Room 3 - 317	Room 4 - 319	Room 5 - ADV
	Chair: G. Avern, UK	Chair: St. Bullas, UK	Chair: N. Ryan, UK	Chair: C. Orton, UK	Chair: J. Barceló, Spain
	VIRTUAL REALITY	GIS	ARCH. PROSPECTION	STATISTICS	CULTURAL HERIT. & PUBL
15.20 - 15.40	M. Meister, M. Boss, Germany On using state of the art Computer Games Engines to visualise archaeological structures in interactive teaching and research	A. Bevan, UK A Digital Mediterranean Countryside. A GIS approaches to the structure of the Post-Medieval landscape of Kythera (Greece)	N. Doneus, M. Doneus, W. Neubauer, Austria Integrated archaeological interpretation of combined prospection data	M. Kadar, I. Ileana, Romania Assessing cluster validity in the study of Eneolithic copper artefacts from Romania	E. Jerem, Zs. Mester, Á. Ringer, Zs. Vasáros, Hungary Back to the Seletians - a museum project for virtual and real Prehistoric tour in NE Hungary
15.40 - 16.00	M. Anderson, UK Computer games and archaeological reconstruction: The Low Cost VR	D. Constantinidis, Greece The interconnectivity of cultural sites	W. Neubauer, A. Ullrich, N. Studnicka, J. Riegl, Austria Terrestrial 3D-Laser-Scanners and their applications in archaeology	J. Lechterbeck, Germany Adding a new dimension to pollenanalysis: Human impact in space and time	D. Clarke, J. Hemsley, N. Shaw, UK Archaeology Museums & 3D: A New European International 'Network of Excellence and Roadmap' Project
16.00 - 16.20	St. Kirchner, Germany Virtual Archaeology - VR-based knowledge management and -marketing in archaeology - after 2 years	M. Katsianis, UK Stratigraphic reconstruction of multi-period sites using GIS: The Case of Neolithic and Early Bronze Age Knossos	S. Dey, R. Ray, India Interpretation of West Karbi Anglong, North East India. A geo-archaeological study	A. Zimmermann, E. Claßen, Germany Tesselations and Triangulations - Understanding the structure of a cave art panel	R. Groß, W. Börner, Austria The Cadastre of Cultural Heritage
16.20 - 16.40	D. B. Arnold, A. M. Day, D. W. Fellner, S. Havemann, Germany The charismatic approach to modelling and rendering of historic urban environments	A. Zeeb-Lanz, Germany Effective - easy to use - economical: PGIS, the database for archaeological monuments in Speyer (Pfalz), Germany	M. Farjas, J. G. Rejas, J. A. Gómez, E. De Miguel, Á. Fernández-Renau, Spain Airborne Multispectral remote sensing application in archaeological areas	E. Classen, A. Zimmermann, Germany Tesselations and Triangulations - Understanding Early Neolithic social networks	V. Bryant, N. Lockett, UK Old data - new ideas
16.40 - 17.00	C. Laugerotte, P. Anagnostopoulos, A. Dierkens, N. Warzée, Belgium Virtual 3D reconstruction of a rood-screen from its archaeological fragments	M. van Leusen, Netherlands The Background CVI, a tool for landscape classification?	V. Belyaeva, Russia 3D reconstruction of the cultural layer	J. Pakkanen, UK Simulating ancient foot units: the effect of sample size and noise on cosine quantogram analysis	J. Veeckman, F. Herman, Belgium Archeoweb Antwerp: promoting archaeology to the wider public
17.00 - 17.20		B. Mušič, B. Slapšak, E. Farinetti, Slovenia/Netherlands Ancient Tanagra (Grimadha): geophysics, DEM, modelling, statistics and classification for understanding of urban plan and on-site activity areas		V. Moiseyev, Russia Spatial differentiation of technological areas within Upper Paleolithic Sites of the Pushkari group	V. Sholoshenko, Ukraine Computer in archaeological education in Ukraine: The project of multimedia encyclopedia of archaeology and the ancient history of Ukraine
17.20 - 17.40	Techne - Meeting	E. Farinetti, K. Sbonias, Netherlands/Greece Fields of wheat back to the land. A GIS environment for the study of Medieval village history in Central Greece	UISPP - Meeting	P.E. Koch, A. Naeve, Austria/Germany The digital future of regional museums: Ready to market - a business model with innovative markets	A. Al Qubaisi, I. Elkhawas, United Arab Emirates A brief proposal for an online presentation of the Cultural Heritage in the United Arab Emirates (UAE). An application in Al-Ain City
19.30 - 22.00	Kunsthistorisches Museum Wien				

Thursday, April 10 2003

08.00 - 16.00	Registration - Steinsaal II				
	Room 1 - Festsaal	Room 2 - Wappensaal	Room 3 - 317	Room 4 - 319	Room 5 - ADV
	Chair: H. Kamermans, NL	Chair: M. Zhukovsky, RU	Chair: F. Djindjian, FR	Chair: P. Stadler, A	Chair: E. Jerem, H
	GIS	ARCH. PROSPECTION	INTEGRATING RESULTS	STATISTICS	CULTURAL HERIT. & PUBL
08.40 - 09.00		M. Otchir-Goriaeva, Russia The archaeological prospection in the north-western Caspian. The study of material culture, be it of individual		O. S. Farrington, UK A Machine Learning algorithm was applied to geo-archaeological soil data from a range of urban archaeological deposits, to determine a classification of these deposit type	P. Campo, Argentina "Computer... what for? Virtuality vs Reality in archaeology
09.00 - 09.20	J. Machacek, M. Kucera, Czech Republic The GIS Project POHAN - the digital catalogue and intra site analysis powered by GIS technology	K. Ahmet, USA The Western Papageria from the air: The use of digital Imagery with kite and balloon aerial photography	K. May, S. Cross, UK Revelation: practice, technology, dissemination and the design of a field recording system	J. Barceló, J. Pijoan-López, Spain Neural Networks for statistical hypothesis testing	N. Di Blas, F. Garzotto, M. P. Guermandi, F. Niccolucci, P. Paolini, Italy A methodology for evaluating archaeological web sites
09.20 - 09.40	D. Van Hove, UK Time and experience: taskscapes within GIS	A. Sarris, S. Topouzi, F. Triantafyllidis, S. Soetens, Greece Revealing the ancient city of Lefkada through the use of Shallow-depth Geophysical Prospection and GIS Techniques	M. van Leusen, Netherlands Some failed attempts at merging field survey data sets	P. Verhagen, A. Tol, Netherlands Establishing optimal core sampling strategies: theory, simulation and practical implications	R. Tringham, USA Interweaving digital narratives with dynamic archaeological databases for the public presentation of Cultural Heritage
09.40 - 10.00	S. Rossi, R. Maggi, Italy Managing different scales in intra site and micro regional analyses using GIS	G. Zdanovich, V. Kochnev, B. Punegov, Russia The Experience in Applying 3D Technologies of Magnet Fields Interpretation got at the archaeological site "Arkaim"	J. Huggett, UK Archaeology and the New Technological Fetishism	E. Uleberg, Norway Strange attractors in the High Mountains	W. Dietz, L. Scheuermann, I. Krupka, K. Burgbacher, Germany The Topography of the Peasants Revolt 1525 in the duchy Wuerttemberg
10.00 - 10.20	C. Longhi, C. Mangani, Italy GIS spatial analysis in the Etruscan trading centre of Bagnolo S.Vito (Mantova, Italy)	G. B. Zdanovich, Russia Fortified center of the Middle Bronze Age in the South Trans-Ural acc to Aerial data	G. Chroust, Austria An interdisciplinary view	Chr. Mayer, Austria Quantifying the "State of the Art": A statistical analysis of information on archaeological sites	M. Grellert, Germany New forms of Cultural Remembrance in the Age of Digital Media
10.20 - 10.40	Coffee Break				
	GIS	VIRTUAL REALITY	INTEGRATING RESULTS	STATISTICS	CULTURAL HERIT. & PUBL
10.40 - 11.00	G. Verhoeven, F. Vermeulen, M. De Dapper, B. De Vliegheer, Belgium The Potenza Valley survey: Towards an explanation of the settlement patterns through the combined use of GIS and different survey techniques	I. Vatanen, Finland Archaeological virtual reality as an infrastructure of processes - exploring the methodologies for the management of archaeological information	D. Grosman, M. Eric, T. Gvozdanovic, D. Pollak, Slovenia A digital chasm - the role of real time data control in archaeological excavation	I. Johnson, Australia Mapping artefact distributions through time using aoristic analysis	W. G. Kilbride, UK Preserving Digital Data: The School Report!
11.00 - 11.20	L. Nuninger, Slovenia Questions of protohistoric territorial heritage through the settlement systems during the Iron Age : a case study of the eastern Languedoc (France)	W. Zöller, W. Knoll, Germany Visualizations: A Critical Survey	J.-A. Beraldin, F. Blais, L. Cownoyer, J. Domey, G. Godinand, M. Rioux, Canada Active 3D sensing for heritage applications	I. Herzog, Germany The archaeological inventory discovered. Group and conquer - a method for displaying large stratigraphic data sets	C. Hardman, J. Clarke, UK OASIS II: real world problems; real world solutions
11.20 - 11.40	G. Indruszewski, Germany GIS analysis in the reconstruction of an early Medieval landscape - The Upper Lusatian case-study	T. Stöllner, Germany Subterranean Modelling - Part1: Virtual Reality in mines - so what	M. Kampel, R. Sablatnig, Austria New achievements on pottery reconstruction	P. Mutzel, B. Reitgruber, B. Schuhmacher, Austria Recent Advances on ArchEd	
11.40 - 12.00	K. Löcker, W. Neubauer, M. Doneus, Austria The prehistoric fortified settlement "Burg" near Schwarzenbach/Austria - The implementation of a new documentation method for stratigraphic excavations	G. Steffens, Germany Subterranean Modelling - Part 2: From plan to computer model	Ch. Finn, UK Silicon Valley re-excavated: mapping the constant change	I. Toropov, Russia Density analysis of lithic artefact distribution and allocation of economic zones on Late Palaeolithic sites	B. N. Oz, N. Ozgonul, Turkey Information Management in archaeological Sites
12.00 - 13.40	Lunch Break				

## Thursday, April 10 2003

	Room 1 - Festsaal	Room 2 - Wappensaal	Room 3 - 317	Room 4 - 319	Room 5 - ADV
	Chair: T. Whitley, USA	Chair: B. Frischer, USA	Chair: P. S. Ell, UK	Chair: I. Herzog, Germany	Chair: X. D. Zhu, China
	GIS	VIRTUAL REALITY	ECAI	STATISTICS	CULTURAL HERIT. MANAG.
13.40 - 14.00	T. Podobnikar, J. Dular, S. Tecco Hvala, Slovenia An approach to the ancient roads study: The case study of the region Dolenjska (Slovenia) in Iron Age	C. Meister, B. Asmus, South Africa The Cederberg Rock Art Survey Project: Part I: QuickTime Virtual Reality® (QTVR) and the documentation of rock art localities	ECAI - Session 1 An introduction to ECAI L. Lancaster, USA The role of ECAI in the humanities and social sciences	C. Putzolu, A. Mc Carthy, L. Ristvet, Italy Volumes of History. Volume calculation from 3D sections at the Tell Leilan City Gate Excavation	R. Karl, UK Après moi le déluge? Heritage event management and the Central European floods 2002
14.00 - 14.20	R. Gietl, M. Kronberger, M. Mosser, Austria Site reconstruction of ancient Vindobona	C. Meister, B. Asmus, South Africa Cederberg Rock Art Survey Project: A coordinate field record and database Structure	R. Mostern, USA Content, research, and publishing in ECAI: New models for digital scholarship and heritage preservation	F. Stanescu, Romania A database and the statistical analyse of the orientation of the altar in some Palaeochristian and Byzantine churches of Dobrogean Area, Romania	W. Haas, H. Mayer, S. Rußegger, H. Zeiner, Austria Integrating Web and GIS Services into Archive and Collection Management Systems
14.20 - 14.40	W. Beex, Netherlands The use and abuse of DTM's and DEM's	G. Avern, UK It's the Best, Forget the Rest. A Design for a 3D Scanner Tailored to Archaeology	J. Zerneke, USA The ECAI infrastructure for data sharing I. Johnson, Australia TimeMap: an interactive, time-enabled web mapping system for Internet datasets registered with ECAI	<b>DATABASE APPLICATIONS</b> E. S. Loshe, C. Schou, USA Automated Classification of Stone Projectile Points in a Neural Network	G. Lange, Netherlands Co-operation in the development and exploitation of National Reference Collections
14.40 - 15.00	Coffee Break				
15.00 - 15.20		M. Schaich, Germany 3D Laser Scanning and 3D Information System - New High Tech Surveying Techniques for three dimensional Heritage Recording	C. Cary, USA Creating a community and building an atlas: Recovery and reintegration: Visualizing archaeological data for Southeast Asia	S. Stead, UK CIDOC Core Data Standard For Archaeological And Architectural Heritage and the CIDOC Reference Model	B. Martens, H. Peter, Austria Developing a systematics regarding Virtual Reconstruction of synagogues in Vienna
15.20 - 15.40		M. Schaich, K. Grether, B. Schütz, Germany A Concept for 3D Damage Mapping with Augmented Reality Technologies	Questions	G. Pardi, D. Venturi, Italy Thesaurus di Toponomastica Archaeologica	D. Aleksovski, L. Nikolik, Republic of Macedonia Rock Art the most important World Heritage and the Public
		VIRTUAL REALITY	ECAI	DATABASE APPLICATIONS	CULTURAL HERIT. MANAG.
15.40 - 16.00		J. Peterson, W. Beex, UK The Arminghall Henge in space and time: how Virtual Reality contributes to research on its orientation	ECAI - Session 2 The intellectual agenda: the cultural meaning of time and space I. N. Gregory Introduction to the importance of time and space in the social sciences	P. Stadler, Austria Evaluation of the complete find material of an archaeological culture with image database "Montelius"	H. Kamermans, J. Deeben, D. Hallewas, M. van Leusen, Ph. Verhagen, P. Zoetbrood, Netherlands Deconstructing the crystal ball: the state of the art of predictive modelling for archaeological heritage management in the Netherlands
16.00 - 16.20		M. Goriany, D. Schön, Austria Latest News from Vienna's Medieval Jewish quarter. Thanks to recent research parts of the Jewish quarter rise again in a computer reconstruction	W. Kilbride, UK Time and space in the humanities: a view from archaeology S. Anderson Time and space in the arts	J. Holmen, C.-E. Ore, L. J. Tvedt, Ø. Eide, Norway Documenting two histories at once: Digging in archaeology	K. B. Zinglensen, Denmark OdenseByGIS - Urban Archaeological GIS
16.20 - 16.40		M. Forte, S. Pescarin, E. Pietroni, C. Rufa, D. Borra, D. Bacilieri, Italy The Multimedia Room of the Scrovegni Chapel: a Virtual Heritage Project	Discussion	A. V. Postnov, A. A. Anoykin, N. A. Kulik, Russia Connection between stone tool types of Denisova Cave and their petrophysical features	S. Rab, United Arab Emirates The Role of VR Technology in restoring building histories & archaeological landscapes at Mleiha, Sharjah
16.40 - 17.00		S. Viti, Italy Between reconstruction and reproduction: the role of virtual models in archaeological research		E. Vavra, I. Matschinegg, Austria REALonline - an interdisciplinary picture database	O. Makinde, Nigeria Adopting effective strategies
17.00 - 17.20		<b>INTERNET APPLICATIONS</b> F. Balck, F. Keller, Germany Animation by computer - a tool for understanding the dynamical behaviour of ancient machines		N. Prokopiev, Bulgaria Internet based stone artefacts database	P. Akhanchi, Azerbaijan Database "Archaeological monuments of North-Eastern Azerbaijan" (quantitative analysis of archaeological sources)

## Thursday, April 10 2003

	Room 1 - Festsaal	Room 2 - Wappensaal	Room 3 - 317	Room 4 - 319	Room 5 - ADV
17.20 - 17.40		S. van Raalte, R. Källman, Sweden A Cultural Heritage dialogue. IT-support for reflections on the present and the future		D. Green, N. Joseph, J. Cosmas, T. Itagaki, UK A universal archaeological database model	
17.40 - 18.00				ID 45 T. Madsen, Denmark ArchaeoInfo. An Object Oriented information system for archaeological excavations	
18.45 - 21.00	Natural History Museum Vienna				

## Friday, April 11 2003

08.00 - 16.00	Registration - Steinsaal II				
	Room 1 - Festsaal	Room 2 - Wappensaal	Room 3 - 317	Room 4 - 319	Room 5 - ADV
	Chair: St. Bullas, UK	Chair: K. Fenema, UK	Chair: I. N. Gregory	Chair: C. Beardah, UK	
	GIS	INTERNET APPLICATIONS	ECAI	ARCH. PROCESSES	
09.00 - 09.20	K. Sorensen, J. B. Glover, S. L. Fedick, USA A Volumetric Assessment of Ancient Maya Architecture: A GIS Approach to Settlement Patterns	M. Gillick, P. McKeague, R. Strachn, UK Online web developments at the Royal Commission of the Ancient and Historical Monuments of Scotland	ECAI - Session 3 Where, when and why: space and time in research K. Kemp Classifying time and space with GIS	A. Okon, Poland State of advance in using computer methods in polish archaeology	
09.20 - 09.40	T. Tsonev, E. Montagnari Kokelj, C. Piano, Bulgaria/Italy Efficiency of Chipped-Stone Techniques: An analytical model based on GIS data	D. Micle, Romania The ARHEOTIM Archaeology Portal	R. Mostern, M. Buckland, USA Toward a gazetteer Clearinghouse for distributed historical and cultural content	M. Zhukovsky, Russia A new life for old data: approaches, methods, perspective	
09.40 - 10.00	T. Whitley, USA Causality and cross-purposes in Archaeological Predictive Modelling	A. Corns, E. Killfeather, Ireland CIPHER (Communities of Interest to Promote Heritage of European Regions)- Internet cultural portals and the development of an Irish Cultural Heritage Forum	M. L. Berman, USA Integration of Multilingual Gazetteer Data D. Bodenhamer, USA Moving through time I. N. Gregory Analysis in space and time	S. Hermon, F. Niccolucci, F. Alhaique, M. Iovino, V. Leonini, Italy Archaeological typologies an archaeological fuzzy reality	
10.00 - 10.20	M. Cattani, A. Fiorini, B. Rondelli, Italy "Computer applications for a reconstruction of archaeological stratigraphy as a predictive model in urban and territorial contexts"	K. Fernie, UK Revealing collections: discovery, access and interoperability	Discussion	O. Missikoff, M. Missikoff, Italy Ontology as a formal base for the conceptual modelling of archaeological entities	
10.20 - 10.40	Coffee Break				

Friday, April 11 2003

	Room 1 - Festsaal	Room 2 - Wappensaal	Room 3 - 317	Room 4 - 319	Room 5 - ADV
	Chair: St. Bullas, UK	Chair: K. Fenema, UK	Chair: A. Sarris, Greece	Chair: N. Lynerup, Den	Chair M. Forte, Italy
	GIS	INTERNET APPLICATIONS	GPS	OSTEOLOGY	CULTURAL HERIT. MANAG.
10.40 - 11.00	R. Ebersbach, C. Schade, Switzerland/Germany Modelling the intensity of early Neolithic land use with the help of GIS - an example from the "Mörlener Bucht", Wetterau, Hesse, Germany	D. Evans, I. Johnson, Australia Enriching online site databases through user contribution: the development of an interactive map of UNESCO's World Heritage list	M. Farjas, M. Alonso, Spain Mapping our Heritage	P. Gunz, P. Mitteroecker, F. Bookstein, G. Weber, Austria Computer aided reconstruction of incomplete human crania using statistical and geometrical estimation methods	O. Missikoff, M. Forte, Italy Proposal for a deployment of Business Process Re-engineering techniques to CH (and VH) Management
11.00 - 11.20	Th. Frank, K. P. Wendt, Germany Up & Down. Scaling archaeological data provided by GIS based procedures: Up-scaling areas of economic interest in the Neolithic - a comparative case study from the Rhineland and the Wetterau/Germany	M. Baldi, F. Carminati, Italy A web oriented database for archaeological spreading	R. Shaw, Ireland Global Positioning System - Advancing Survey Techniques in Archaeology	P. Mitteroecker, P. Gunz, M. Teschler-Nicola, G. Weber, Austria New Morphometric Methods in Paleopathology. Shape Analysis of a Neolithic Hydrocephalus	X. D. Zhu, China Strategy of Cultural Heritage Management based on Information Science in China
11.20 - 11.40	K. P. Wendt, Th. Frank, Germany Up & Down. Scaling archaeological data provided by GIS based procedures: Down-scaling archaeological data to the level of natural landscape units in Germany - a comparative case study from the Rhineland and the Wetterau/Germany	A. Calosci, Spain When the people are the context; Putting the "minor" Picasso- Arias collection and its "major" context onto the web	A. Bilc, B. Slapšak, Slovenia GPS in survey and excavation: Slovenian experience	N. Lynnerup, Denmark Imaging the dead	B. Ducke, Germany A geo-archaeological model of Holocene landscape development and its implications for the preservation of archaeological sites
11.40 - 12.00	P. Jablonka, Germany Reconstructing sites and archives. Information and presentation systems at Troy		A. Postnov, E. Vergounov, Russia Navigation GPS-positioning for Archaeology	G. Guipert, France Three-dimensional imagery, a new look on the Man of Tautavel	L. Krušinová, Czech Republic Official list of archaeological sites in the Czech Republic
12.00 - 13.40	Lunch Break				
	Chair: M. Doneus, Austria	Chair: F. Niccolucci, Italy	Chair: S. Anderson	Chair: N. Lynerup, Den	Chair: St. Stead, UK
	GIS	INTERNET APPLICATIONS	ECAI	ARCHAEOLOGY	CULTURAL HERIT. MANAG.
13.40 - 14.00	H. Tsumura, Japan Geostatistical approach to the topology of the prehistoric settlement system. A case study in Musashino upland, Tokyo, Japan	J. Häser, Germany An Internet-Geographical Information System for multidisciplinary research in Oman	ECAI -Session 4  Building the infrastructure  S. Anderson Summary of previous sessions	V. Sirbu, . Stefan, Romania A Dacian Sacred Enclosure in the Carpathian Mountains: Pietroasele-Gruia Darii	S. Liyanage, Sri Lanka The Potentials of the Digital Literacy in Sri Lankan Archaeology
14.00 - 14.20	St. Merlo, UK The "contemporary mind". 3D GIS as a challenge in excavation practice	D. C. Papadopoulos, E. C. Mavrikas, Greece Peer-to-Peer Ways to Cultural Heritage	P. S. Eil, UK Data creation		R. Darmawan, Indonesia Optimising digital library for national heritage as cultural managing device
14.20 - 14.40			W. Kilbride, UK Data Preservation, access and integration  I. N. Gregory Training and education		N. Rashid, Pakistan Cultural Heritage and people
14.40 - 15.00	Coffee Break				
			D. Bodenhamer, USA Organizational models		

