

Call for Papers

The e-volution of Information Technology in Cultural Heritage.

Where Hi-Tech Touches the Past: Risks and Challenges for the 21st Century

October 30 – November 4, 2006

Cyprus

Invitation:

You are kindly invited to submit a paper to the 2006 joint conference which will provide an opportunity to exchange research results, opinions, experiences and proposals on the best practice and hi-tech tools from Information and Communications Technology to document, preserve, manage and communicate Cultural Heritage (CH). The main goal of the event is not only to illustrate the programs underway but also excellent work wherever it is located and however it is supported, in order to promote a common approach to the tasks of e-documentation of World Cultural Heritage. Furthermore, regional capacities in the area of Cultural Heritage and IT will be facilitated in advancing their know-how through the exchange of information and generation of new ideas and cooperation's, where the world meets the finger prints of several ancient civilizations on earth.

To reach this ambitious goal the topics covered will include experiences in the use of innovative recording technologies & methods and how to take best advantage to integrate the results obtained to build up new tools and/or experiences as well as improved methodologies for documenting, managing and communicating CH.

The 2006 joint event will focus on interdisciplinary and multi-disciplinary research concerning both cutting edge Cultural Heritage Informatics and use of technology for the representation, documentation, archiving and communication of CH knowledge. The scope includes every phase of CH information technology: initial data capture/digitization, information/data processing, reconstruction, visualization and documentation as well as dissemination of results to the scientific and cultural heritage communities and to the general public. We are also interested in aspects of the wider legal and ethical responsibilities of Cultural Heritage Informatics. Research subjects parallel the interests of CIPA, VAST, Eurographics and EPOCH EU Network, including culturally significant monuments, artefacts and sites as well as the activities of museums, libraries, archives, and organizations involved with their care.



Topics:

Those researchers who wish to participate in this event are invited to submit papers on original and unpublished work addressing the following subjects:

- 2D and 3D GIS in CH
- 3D Data Capture and Processing in CH
- Archaeological Analysis and Interpretive Design
- Augmentation of Museum Artefacts' Display
- CAD and FEM based Digital Reconstructions and 3D Modelling
- Computer Animation for CH Applications and Virtual Heritage
- Data Acquisition Technologies focusing on Photogrammetry and Scanning,
- Data Management and Archiving
- e-Learning in CH
- e-Libraries in Cultural Heritage
- Economics of Cultural Informatics and Tourism
- Innovative Graphics Applications and Techniques
- Interactive Environments and Applications for CH
- Multilingual applications, tools and systems for CH
- Multimedia in CH,
- Natural and Man initiated destruction of Cultural Heritage and prevention techniques.
- Non-Photorealistic Rendering of CH Data
- Novel Internet-based CH Applications
- Professional and Ethical Guidelines
- Reproduction Techniques and Rapid Prototyping in CH
- Standards and Documentation
- Storytelling and authoring tools
- Tools for Education and Training in CH
- Tools to assist Interpretation of Cultural Heritage Data
- Usability, Effectiveness and Interface Design for CH Applications
- Virtual Museum Applications (e-Museums and e-Exhibitions)
- Visualisation Techniques (desktop, VR, AR)
- Water-marking, copyright and ownership protection assistance via ICT

Submission of Papers:

Submissions for the joint event are completely electronic, and both the paper and all supplementary material must be submitted through the online submission website. The conference accepts only original, unpublished work written in English. We are soliciting three types of contributions:

Full research papers presenting new innovative results. These papers will have a full-length oral presentation and will be published in a high-quality proceedings volume. Each submitted paper must not exceed **8 pages** in total.

Project papers focusing on the description of project organization, use of technology, and lesson learned. These papers will have a short oral presentation and will be included in a "Projects & Short Papers" proceedings volume. Each submitted paper must not exceed **8 pages** in total.

Short papers presenting preliminary ideas and works-in-progress. These papers will have a short oral presentation and will be available as posters in conference breaks. They will be published in the "Projects & Short Papers" proceedings volume. Each submitted paper must not exceed **6 pages** in total.

For information concerning style and format of all submissions, please refer to: <http://www.vast2006.org/> or <http://www.cipa2006.org/> and then choose Paper Submissions.

Important Dates:

Abstract (full papers):	June 26th, 2006
Paper submission (full / short)	July 3rd / July 17th, 2006
Notification of Refereeing results	September 4th, 2006
Camera ready papers to printer	September 29th, 2006
Proposals for showcases/demos	July 3rd, 2006

For more information about the joint conference please visit the webpage <http://www.vast2006.org/> or www.cipa2006.org or directly contact the chair of the event at: chairman@cipa2006.org



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