

# **Call for Papers**

## **The e-volution of Information Technology in Cultural Heritage. Where Hi-Tech Touches the Past: Risks and Challenges for the 21<sup>st</sup> 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 opinions, experiences and proposals on the best practice and hi-tech tools from Information Technology to document, preserve and manage Cultural Heritage (CH), whether architectural, archaeological and/or natural. The main goal of the event is to illustrate the programs underway, whether organised by public bodies (e.g. UNESCO, European Union, National States, etc.) or by private foundations (e.g. Getty Foundation, World Heritage Foundation, etc.) in order to promote a common approach to the tasks of recording, documenting, protecting and managing the 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 cooperations, 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 of the results obtained to build up new instruments and improved methodologies for documenting and managing the 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, visualization and documentation as well as dissemination of results to the scientific community and the general public, and 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Those researchers who wish to participate in this event are invited to submit papers on original and unpublished work addressing the following subjects or related themes:

- Data Acquisition Technologies focusing on Photogrammetry and Laserscanning,
- 3D Data Capture and Processing in CH
- CAD and FEM based Digital Reconstructions and 3D Modelling
- Reproduction Techniques and Rapid Prototyping in CH
- Visualisation Techniques (desktop, VR, AR)
- Multimedia, Data Management and Archiving
- 2D and 3D GIS in CH
- Non-Photorealistic Rendering of CH Data
- Computer Animation for CH Applications and Virtual Heritage
- Virtual Museum Applications (e-Museums and e-Exhibitions)
- Novel Internet-based CH Applications
- Usability, Effectiveness and Interface Design for CH Applications
- Innovative Graphics Applications and Techniques
- Interactive Environments and Applications
- e-Libraries in Cultural Heritage
- e-Learning in CH
- Tools for Education and Training in CH
- Archaeological Analysis and Interpretive Design
- Standards and Documentation
- Professional and Ethical Guidelines
- The Economics of Cultural Informatics and Tourism
- Natural and Man initiated deconstruction of Cultural Heritage and prevention techniques.



## **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 -- not innovative technical content. 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: [www.vast2006.org](http://www.vast2006.org) or [www.cipa2006.org](http://www.cipa2006.org) and then choose Paper Submissions.



### **Important Dates:**

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

For more information about the joint conference please visit the webpage [www.vast2006.org](http://www.vast2006.org) or [www.cipa2006.org](http://www.cipa2006.org) or directly contact the chair of the event at: [chair@cipa2006.org](mailto:chair@cipa2006.org)



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