Call for Participation

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
Hilton-Cyprus Hotel - Nicosia, Cyprus

Invitation:

You are kindly invited to attend 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. You will also come in contact with aspects of the wider legal and ethical responsibilities of Cultural Heritage Informatics. Research subjects parallel the interests of CIPA, ISPRS, UNESCO, ICOMOS, 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:

Attendees will come in contact with first hand unpublished work addressing the following subjects: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

Papers:

There will be a variety of different papers presented at the joint event. The three types of contributions are as follows:

> **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.

> **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.

> **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.

> For more information concerning the joint event, please refer to: http://www.vast2006.org/ or http://www.cipa2006.org/ or directly contact the chair of the event at: chairman@cipa2006.org

Important Dates:

Extended early registration	before 22 September 2006
Registration for exhibitors	before 29 September 2006

Parallel to our joint event there is the Virtual Reality Software Technology 2006 (VRST 2006) symposium in Limassol, Cyprus. Special daily registration rates are offered to registered participants of our joint event. For more information see our joint event program and please visit the official website of the VRST 2006: http://www.vrst.ploegos.com.