

## **OADC - European Infrastructure Cooperation Network LabS TECH**

### **Workshop on NOVEL TECHNOLOGIES FOR DIGITAL PRESERVATION, INFORMATION PROCESSING AND ACCESS TO CULTURAL HERITAGE COLLECTIONS**

*21<sup>st</sup>- 22<sup>nd</sup> May 2004,  
"Ormylia" Art Diagnosis Centre, Ormylia, Greece.*

#### ***First Announcement.***

Dear colleagues,

In the framework of the European Infrastructure Cooperation Network LabS TECH (Laboratories on Science and Technology for the conservation of European Cultural Heritage) <http://www.chm.unipg.it/chimgen/LabS-TECH.html>, and Joint Activity 3: **Data archiving and dissemination**, (Convenor: M. Marabelli), tasks are dedicated to the elaboration of optimal forms for archiving data and to the evaluation of perspectives on the synergy towards convergence in technical approaches and uniformity of data archiving.

Within the framework of this activity, attention has been given to the existing technologies for digital libraries' development. Further discussion aims at exploring the perspectives on research co-operation initiatives for the development of common frameworks based on interoperable platforms and existing or proposed standards and technical guidelines.

This Workshop is organized with the aim to bring together leading experts in the field of digital libraries / information technologies and cultural heritage conservation domains. Discussion will be opened among the participants of multidisciplinary background, in order to share knowledge and exchange experience. Taking into account the different research concepts and procedures adopted for the development of advanced digital libraries services, discussion will be focused on the possibilities for joint efforts or collaborative projects providing large scale access to distributed and highly interactive repositories of European culture.

The meeting will be organised in the framework of LabS TECH program, by "Ormylia" Art Diagnosis Centre (OADC).

The Workshop will combine individual presentations and open discussions focused on the following thematic areas:

#### **Already developed database technologies for the documentation of artworks - a Review.**

- ✓ Systems *based on* Relational database management systems
- ✓ Systems *based on* Object oriented database management systems
- ✓ Metadata standardisation
- ✓ Image processing techniques for indexing and retrieval
- ✓ Examples of successful operating systems

## **Knowledge based database systems for artworks documentation.**

- ✓ Semantic indexing and retrieval
- ✓ Ontologies technologies

## **Towards an Integrated European scale Cultural Digital Library**

- ✓ Architecture of an integrated system.
- ✓ IPR protection - Watermarking
- ✓ Development of advanced digital libraries services, providing large scale access to distributed and interactive repositories

We invite you to participate in this meeting. **Please claim your participation and propose your suggestions regarding a presentation on the above outlined topics, before the end of February, 2004.**

The second announcement will be circulated at the beginning of March, providing you with the final programme and practical details for the meeting.

For further information and participation please contact:

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On behalf of the organising institution,  
"ORMYLIA" Art Diagnosis Centre



Yannis Chryssoulakis  
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