



CALL FOR PAPERS

Special Session on Digital Cultural Heritage

at the International Conference on Image and Signal Processing ICISP

June 30-July 2, 2014, Cherbourg, Normandy, France.

Organizers:

- Alamin Mansouri, LE2I, University of Bourgogne, France (<http://le2i.cnrs.fr/>)

- Frank Boochs, i3mainz, University of Applied Sciences, Mainz, Germany
(<http://www.i3mainz.fh-mainz.de/en>)

Documenting and studying Cultural Heritage (CH) is a thriving field of research in all European countries bringing together different branches of science and humanities as well as institutional and industrial actors. Recently, more and more non-destructive, almost non-contact, and imaging-based techniques are used to document and study CH due to the advantages they offer (fast, precise, affordable, large range etc.). However, using new techniques to document and study CH is not only an advantage for the humanities, it also refreshed discussions on classical problems in Information and Communications Technology (ICT) and led to solutions (design of adapted systems for protecting, analyzing, publishing/disseminating/visualizing and virtually reconstructing CH artefacts, functionality, quality control and preservation of information, semantic indexing and access, multilingualism and heterogeneity at various levels). Therefore, sharing solutions, skills, methodologies, and protocols is a first step to assemble a network of all involved parties who document and study CH and to finally create a common understanding.

This special session, organized with the support of the European COST Action TD1201 (www.cosch.info), focusses on digital CH. All researchers working on theoretical and/or practical aspects of documenting and studying CH are kindly invited to present their work. We are soliciting original contributions included but not limited to the following topics:

- Data acquisition (2D, 3D, RGBD, etc.)
- System design and calibration,
- Processing
- Analysis,
- Visualization,
- Virtual reality, augmented reality,
- Information visualization,





- Restoration,
- Human-Computer interaction,
- Data storage and retrieval,
- Semantic,
- Evaluation/quality,
- Dissemination.

Submissions will follow the same rules as ICISP 2014 and will be handled through its electronic submission system. Please consult the instructions (<http://www.stlo.unicaen.fr/icisp/2014/submission.php>) and the important dates (<http://www.stlo.unicaen.fr/icisp/2014/dates.php>).

The conference proceedings with final versions of the accepted papers will be published by Springer in their series Lecture Notes in Computer Science (LNCS).

