



WORKSHOP

Bridging the gap between technology and application: COSCH report

PROGRAMME	
Monday, 15 September 2014	
9:00	Frank Boochs (i3mainz – University of Applied Sciences, Germany), COSCH – towards better common understanding in cultural heritage documentation.
9:30	Marcello Picollo (“Nello Carrara” Institute of Applied Physics of the National Research Council of Italy (IFAC-CNR)), Limits and advantages of different 2D VIS-NIR spectral imaging systems in answering conservators questions.
10:00	Robert Sitnik (Warsaw University of Technology, Poland), Future documentation techniques and multimodal 3D measurements.
10:30	Alain Trémeau (University of Saint Etienne, France), Critical aspects and key factors in the processing chain.
11:00	Coffee break
11:15	Christian Degriigny (Haute École Arc Conservation-restauration, Neuchâtel, Switzerland), From typical use cases to the development of guidelines: the contribution of end-users.
11:45	Selma Rizvic (Faculty of Electrical Engineering Sarajevo, Bosnia and Herzegovina), Identification and planning of typical visualization applications in cultural heritage domains.
12:15	Ashish Karmacharya (i3mainz – Institute for Spatial Information and Surveying Technology Mainz University of Applied Sciences), COSCH ^{KR} App – A Knowledge System for Organising Documentation Techniques in CH: A review on its state and results.
1:00	Lunch (not provided)
2:30	Orla Murphy (University College Cork, Ireland), Think Tank results.
3:00	Coffee break
3:15	Presentation of 5-7 selected Case Studies (2015-2016)
6:00	End of Workshop
	Meeting of Case Study Review Board (nonpublic)

The COST Action TD1201 Colour and Space in Cultural Heritage (COSCH) stimulates collaborative research, establishes good practice and simplified uses of high-resolution optical techniques. COSCH research is undertaken by 5 working groups (WG):

WG 1: Spectral object documentation

WG 2: Spatial object documentation

WG 3: Algorithms and procedures

WG 4: Analysis and restoration of Cultural Heritage surfaces and objects

WG 5: Visualisation of Cultural Heritage objects and its dissemination

With this workshop COSCH responds to questions raised through the complexity of documentation processes and their appropriateness for various application scenarios in the field of conservation and preservation of cultural heritage.

Modern technologies offer many possibilities to collect data to shape and appearance of cultural objects. However, what are the best ways to answer typical questions of cultural heritage documentation?

In order to do first steps towards a better understanding of this multifaceted field equally addressing interests of end user and technicians this workshop will introduce into concepts to collect and structure knowledge related to heritage documentation tasks.

A case study in spatial and spectral documentation of material cultural heritage contributes to the implementation of the scientific, theoretical and educational objectives of one or several COSCH Working Groups and to the development of the COSCH Knowledge Representation Application.

The aim of a COSCH case study is to offer in-depth investigation, enabling a good understanding of selected techniques and processes in 3D spatial and spectral documentation, applied to a particular cultural heritage object or site, including archaeological and architectural remains.

The COSCH Workshop at the Mathematical Institute of the Serbian Academy of Sciences and Arts is free to attend.

To register please contact stefanie.wefers@fh-mainz.de

Registration deadline: 1 September 2014

For up-to-date schedule of the COSCH Workshop and further information visit www.cosch.info



Mathematical Institute of the
Serbian Academy of Sciences and Arts



Faculty of Mathematics