

COST Action no. TD 1201

2012 | 2016

# COSCH

## Colour and Space in Cultural Heritage

### Objectives

- To promote research, development and application of non-contact optical measurement techniques (both spectral and spatial) – adapted to the needs of heritage documentation – on a concerted European level, in order to protect, preserve, analyse, understand, model, virtually reproduce, document and publish important cultural heritage in Europe and beyond;
- To deepen knowledge of the potential, output, constraints, preconditions and practical aspects of precise spectral and spatial instruments;
- To research and publish case-studies in the application of the newest spectral and spatial technologies;
- To offer a critical review of current integration of state-of-the art spectral and spatial optical technologies into documentation of CH objects;
- To develop recommendations and guidelines concerning the specification of minimal spatial resolution and uncertainty values for a selected types of artefacts and materials, depending on conservation and documentation requirements;
- To lay a foundation for an optimised and adapted use of spectral and spatial techniques by cultural heritage professionals and authorities.

### Working Groups

- 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: Visualization of cultural heritage objects and its dissemination

### Main Achievements

- Successful formation of the Action networking and organizational structures; interdisciplinary membership (as of June 2013): 127 participants from 27 countries; implementation of selected tools and procedures;
- Fully-operational and content-rich Action website (public and internal)
- First meeting of the Action Working Groups and Management Committee held at the FH-Mainz – University of Applied Sciences, Mainz, Germany, 26-27 March 2013.
- Nine Short Term Scientific Missions accepted and initiated in 2013.

### Gender Balance and Early Stage Researcher

- Objectives: COSCH aims to achieve gender balance in all official bodies, in particular early-stage female researchers are encouraged to participate. A Think Tank will be initiated to deliver most benefits to early-stage researchers beside STSMs and Training Schools.
- Status: from 137 participants are 41 female (30%) and 25 ESR (19%)

### Dissemination

- COSCH website [www.cosch.info](http://www.cosch.info)
- COSCH e-list [www.jiscmail.ac.uk/cosch](http://www.jiscmail.ac.uk/cosch)
- COSCH e-bulletin [www.cosch.info/publications](http://www.cosch.info/publications)
- COSCH presentations <http://www.cosch.info/web/guest/wg1> (> wg2, wg3, wg4, wg5)
- COSCH promotional video (in progress) and information materials (poster, flyers)
- Accepted participation in forthcoming major external events

[www.cost.eu/mpns](http://www.cost.eu/mpns)**Materials,  
Physics &  
Nanosciences  
(MPNS)****Participating countries: 25**BA, BE, CH, CZ, DE, DK, EL, ES, FI,  
FR, HR, IE, IL, IT, MT, NL, NO, PL,  
PT, RO, RS, SI, SK, SE, UK

### Contact details

**Chair of the Action**Professor Frank Boochs  
[boochs@geoinform.fh-mainz.de](mailto:boochs@geoinform.fh-mainz.de)**Domain Committee Rapporteur**Prof. Luciano Mule Stagno  
DC Rapporteur of TD1201 MPNS  
[luciano.mule-stagno@um.edu.mt](mailto:luciano.mule-stagno@um.edu.mt)Dr Bratislav Marinkovic  
DC Rapporteur of TD1201 CMST  
[bratislav.marinkovic@ipb.ac.rs](mailto:bratislav.marinkovic@ipb.ac.rs)Prof. Doina Banciu  
DC Rapporteur of TD1201 ICT  
[doina.banciu@ici.ro](mailto:doina.banciu@ici.ro)**Science Officer (COST Office)**Caroline Whelan  
[Caroline.Whelan@cost.eu](mailto:Caroline.Whelan@cost.eu)**Action Website**[www.cosch.info](http://www.cosch.info)COLOUR & SPACE IN  
CULTURAL HERITAGECOST is supported  
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Framework ProgrammeESF provides the COST  
Office through a European  
Commission contract