

The conference is open for contributions that cover technical challenges as well as strategic guidance. Key messages relating to the impact of new technologies and processes on cultural heritage are especially welcome.

Our special aims:

? raise awareness in Society, Science, and Technology fields about importance of the cultural dimensions and the growing potential of Digital Cultural Heritage;

? promote innovative content analysis from cross-organizational interoperability of digital humanities databases and XML methods, techniques, and approaches;

? indicate on the central role of spatial concepts enabling synergy for knowledge generation from massive granular digital cultural heritage content;

? create innovative cross-disciplines / cross sectors partnerships facilitate intercultural and interdisciplinary dialogue;

? elaborate roles and interest of information society.

According to the CODATA principles of the broadest interdisciplinary discourse in the domain of Data for Science and Technology, contributions are expected from different fields of the science communities to exchange best practices and initiate recommendations for future research and development.

Program Committee

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Scope structure and Topics:

Multimedia Information Objects

Map, Picture, Video, Text, Sound objects: their permanent availability, cross-media and cross-organizational interoperability and innovative analysis

Infrastructure

Digital Archives, Gazetteers, Search Machines, Multilingual Issues, Publishing, Portals Techniques, Organization, Legal aspects, Licenses, Curricula

Open Data, Open Software, and Open Access

Analysis / Workflow / Processes

Information Clusters, Abstraction of Mass

Information, Product composition, production, and use, Mashups, Tools for Searching and Fusing Web Databases, Collections and Archives Entities

Linking Multimedia Information /Information Fusion

Semantical networks interlinking massive digital cultural heritage databases (text libraries, archives, collections)

Knowledge / Culture Detection and Understanding, Intangible Heritage

User Interfaces

WEB 2.0, Web 3.0, e-Learning, Games, Crowd-sourcing, Community Involvement, social media

Cartographic Digital Sources

Scans, hyper/multi spectral imaging, 2D, 3D,
3D Clouds, Databases

Complex Use Cases / Application Scenarios / Best Practice / Customers

Cultural Sciences, History, Literature / Libraries
Museums, Archives, Archaeology, Language

Science, Journalism, Cartography, Geoinformation Science, Spatial Relations, Situations and Scenarios, Cultural Landscape Research

Computational terminology and lexicography, spatial facts and contexts in digital corpora markup, annotation and analysis

Politics, Art, Religion, Social and Economic Sciences, The Media

Information Quality

for wide use and longtime accessibility for not yet well-known purposes, services and products

Current Large Realizations

Digital UNESCO Cultural Heritage, ICOMOS-CIPA, EUROPEANA, CLARIN, DARIAH, Domesday Project etc.

Strategies/ Demand/ Potential

Information Society, The Values of new types of Analysis and Representations

Science Disciplines / Professions involved:

Heritage Informatics, Culture Big Data, Cultural Diversity, Knowledge Fusion and Emergence, Dynamics of the Cultural Sector, Cultural Sciences, History, Language, Literature. Libraries, Museums, Collections, Archives, Archaeology, Cybercartography, Creative Industries, Cultural Heritage Risk, Threat and Monitoring, DCH Coalitions, Alliances and Experts Networks.

More information here: <http://DCH2017.net>

Download the poster here: http://dch2017.net/DCH2017_Poster.pdf

The Conference will be organized by
CODATA-Germany
the German National Committee for CODATA,
Committee on Data for Science and Technology of the
International Council for Science (ICSU)
in cooperation with
Deutsche Gesellschaft für Kartographie

Staatsbibliothek Berlin
Map Department

DHN
Digital Heritage in the Nordic Countries
UNGEEN
United Nations Group of Experts on Geographic Names
Associazione per L'Informatica Umanistica e La Cultura Digitale
Forschungszentrum Deutscher Sprachatlas
UiO
Universitetet i Oslo
VUGTK
Czech Research Institute of Geodesy, Topography and Cartography
Digital meets Culture
Portal on Digital Cultural heritage
TOPOI
Excellence Cluster on the Formation and Transformation of Space and Knowledge in Ancient Civilizations
The UNESCO #Unite4Heritage campaign builds support for the protection of heritage in areas where it is threatened by extremists.