



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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- Adrien Barbaresi Austrian & Berlin-Brandenburg Academies of Sciences Vienna (AUT) / Berlin (DEU)
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- Serena Sarah Weber Instituto Geográfico Agustín Codazzi Bogotá (COL)

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](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.