

Invitation

The question "Where are you going?", or how these techniques and procedures are developing, is applicable for all areas of life. In the last decade, the Internet and the development of "generation smartphone" has led to significant changes in both in the private sector and the workplace: full-time personal accessibility, the ubiquitous availability of any information and new technologies (from "low-cost to high-tech") provide both benefits and challenges.

Whithin this context the disciplines of "Archaeology / Preservation of monuments" and "Surveying / Geoinformatics" come together from different backgrounds, each of them at first sight very different disciplines: the one - more traditionally oriented, the other, in the eyes of many, influenced by new technical developments. However, symbioses may arise from this cooperation, as countless successful interdisciplinary collaborations and conferences have shown in the past.

The conference **Denkmäler3.de** is hosted by different institutions, namely: Bochum University of Applied Sciences, University of Applied Sciences Mainz, HafenCity University Hamburg, Working Group Optical 3D Measurement Technology of the German Society for Photogrammetry, Remote Sensing and Geoinformation, Regional Association of Westphalia-Lippe, German TICCIH National Committee and German Mining Museum Bochum. It will take place in the period from October 16 to 18, 2013 on the premises of the LWL Industrial Museum Zeche Zollern in the local "magazine". This conference is a platform for both domestic and foreign scientists from different disciplines and offers an opportunity for an intensive professional exchange.

Technical and administrative issues of the whole working process, from the documentation of findings using new measurement methods to database-compliant documentation will be presented by current project examples. Issues, such as

- **Acquisition:**
 - o **Processing**
 - o **Analysis**
 - o **Standardised characterisation**
 - o **Visualisation and reproduction**
- **Data content:**
 - o **Data storage, transmission and retrieval**
 - o **Quality evaluation**
 - o **Dissemination**

are examples of possible contributions. Through lectures of the international working group "Colour and Space in Cultural Heritage" (COSCH.info) the unique aspect of the color information in the findings should also be discussed.

Denkmäler3.de 2013 stems from the tradition of two events: **Denkmäler 3D 2003** (Ruhrlandmuseum Essen) and **Denkmäler3.de 2008** (Zeche Zollverein). It serves as a platform for researchers in the technical disciplines to present up-to-date technological developments, while conservators and archaeologists can present current projects.

The aim of the symposium is to debate the state of the art of documentation in archaeology and preservation of monuments, introduce new approaches and developments in this interdisciplinary research area, identify solutions for practical use, and to discuss the question of future developments.

The conference is completed by an accompanying exhibition with system developers, manufacturers and service providers in the field of optical 3D metrology and Geoinformatics, research institutions and excavation companies.

Program-Schedule

Wednesday, October 16, 2013

from 13:00	Registration & Exhibition Sightseeing LWL-Industrial Museum Zeche Zollern
18:00	Open Evening Lecture
20:00	Gathering - Casual Meeting with Red-Wine -

Thursday, October 17, 2013

9:00	Opening
from 9:20	Sessions "Data-acquisition" Exhibition & Discussions
19:00	Evening Event

Friday, October 18, 2013

9:00 - 13:00	Sessions "Data-content" Exhibition & Discussions
13:00 - 13:30	Final Discussion
from 13:30	End of symposium

Registration

Please use our online-registration via the symposia website:

www.Denkmaeler3.de

Fee

Early bird

Status	bis 15.09.13	ab 16.09.13
Normal	95 EUR	115 EUR
Reduced*	80 EUR	100 EUR
Young Scientists**	50 EUR	50 EUR
Student	20 EUR	20 EUR

* Rebate for members of the organizing institutions & students ** Young Scient. until 30 years

For further information please have a look at our symposia website.

Please keep in mind the opportunity for price deduction concerning early bird registration and the participation of students etc.

Important Dates

August 02, 2013	Deadline for Abstract Submission (max 1 DIN A4 page)
August 30, 2013	Notification of acceptance (Registration required until September 15, 2013)
September 15, 2013	End of Early Bird Registration/ Closing Date for Visit of Zeche Zollern / Closing Date Come Together (2013-10-16) and Evening Event (2013-10-17)
October 01, 2013	Submission of Powerpoint-Presentation to Organizers
October 16-18, 2013	Conference

Exhibition

Innovative companies will present their technology and application examples. For more information, visit the symposia website.

Hotel

Please use the booking options of Dortmund Tourism Office. For more information, visit the symposia website.

Organisation

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Programming Committee

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Patronage

LWL-Cultural Head of Department
 Dr. Barbara Rüschoff-Thale

Venue

LWL-Industrial Museum. Zeche Zollern
 Grubenweg 5, 44388 Dortmund
www.zeche-zollern.de

Denkmäler3.de

Interdisciplinary conference with topics from Archeology, Preservation of Monuments, Surveying and Geoinformatics.

