REGISTRATION

The COSCH Training School is free to attend, but places eligible for the COST reimbursement are limited and will be allocated on a first come first served basis. Please book early to avoid disappointment.

The Training School will take place at:

Warsaw University of Technology and Wilanów Palace Museum.

Attendance strictly by registration

Registration deadline: 4 October 2013

To register please contact

Robert Sitnik

r.sitnik@mchtr.pw.edu.pl

For further information about COSCH activities please visit www.cosch.info or contact the COSCH Action Chair

Prof. Dr. Frank Boochs

FH-Mainz – University of Applied Sciences

Lucy-Hillebrand-Str. 2

55128 Mainz. Germany
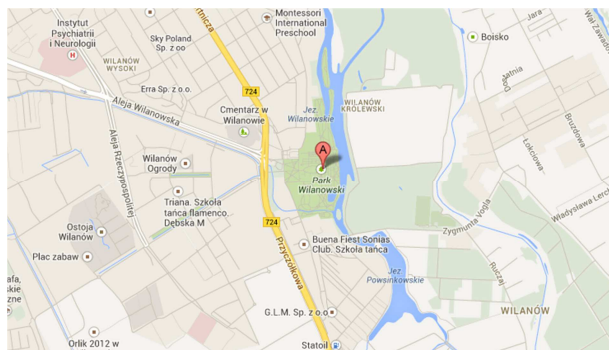
Tel.: +49-6131-628-1432

frank.boochs@fh-mainz.de

COSCH duration: 7 Nov 2012 – 6 Nov 2016

cost
EUROPEAN COOPERATION
IN SCIENCE AND TECHNOLOGY
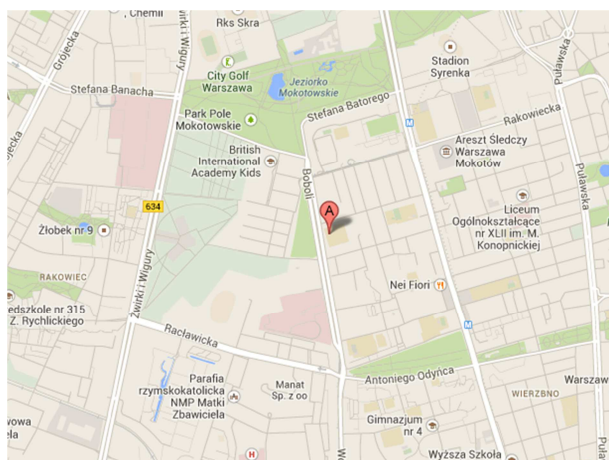
COSCH Training School venues

Day 1:
Wilanów Palace Museum,
Stanisława Kostki Potockiego 10/16,
02-958 Warsaw, POLAND.

Day 2 & 3:
Politechnika Warszawska (Warsaw University of Technology),
A. Boboli 8, 20-525 Warsaw, POLAND

COSCH
COLOUR & SPACE IN CULTURAL HERITAGE

Cost Action TD1201

Training School

Automated 3d documentation of CH artefacts with robotized structured light system

21–23 October 2013

Local host

Politechnika Warszawska — Warsaw University of Technology

Wilanów Palace Museum

COST ACTION TD1201: Colour and Space in Cultural Heritage (COSCH)

Image of a 3D record of the sleeping Buddha of Wofoyuan, China © 3D Sutras Project 2008-2011.

Participants will gain a hands-on experience and technical knowledge about:

- principles of handling of cultural heritage objects during transportation, placement and measurements.
- 3D recording of artefacts, as part of museum documentation environment (principles of 3D shape acquisition, principles of 3D operator-guided measurement head positioning) based on structured light technology;
- basics of 3D data processing (data filtering, view integration, different ICP approaches, data reduction, data visualization) using both manual and automated processing principles;
- automated "next best view" prediction – presentation and group discussion;
- web delivery for virtual artefacts;

Monday, 21 October 2013, Wilanów Palace Museum

9:00	Manual 3D documentation (with tripod).
12:30	Lunch (own expenses)
14:00	Automated 3D documentation I (with robot arm).
15:30	Coffee Break
15:45	Automated 3D documentation II (with robot arm).
16:30	Discussion and conclusion.
19:00	Dinner (provided by the organizer)

Tuesday, 22 October 2013, Warsaw University of Technology

9:00	3D data filtering and reduction.
11:00	Coffee Break
11:30	View integration.
13:00	Lunch (own expenses)
14:00	Preparation and visualization of 3D model in WebGL viewer.
15:30	Editing and annotating model for professional use.

Wednesday, 23 October 2013, Warsaw University of Technology

9:00	Preparation of WebGL based webpage I.
11:00	Coffee Break
11:30	Preparation of WebGL based webpage II.
13:00	Lunch (own expenses)
14:00	Presentation of each participant's results (moderated discussion).
17:00	Conclusion and closing.