

Day 1 | Workshops

[14:00 – 17:00] **REGISTRATION**
HTW Berlin, FKI H 0.01

[14:00] **Opening Workshop Day** FKI H 0.01
Jürgen Sieck, HTW Berlin

[14:10–17:30] **WORKSHOPS/TOUR**
PARALLEL SESSION

[14:10] **Workshop 1:**
Visualisation on and interaction with media façades
Jens Reinhardt, HTW Berlin

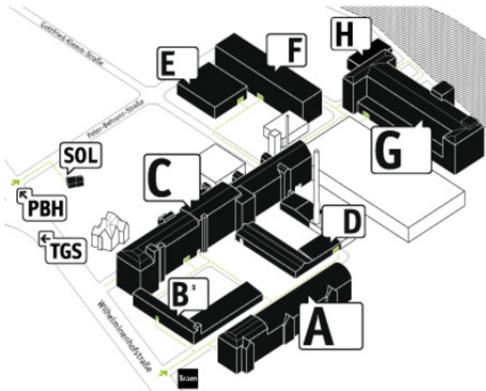
[14:10] **Workshop 2:**
Digital Storytelling
Regina Franken-Wendelstorf, Markus Konrad,
HTW Berlin

[14:10] **Workshop 3:**
A Beginner's Guide to the Digital Humanities
Robert Casties, Max Planck Institute for the
History of Science
Elisabeth Lindinger, HTW Berlin

[16:00] **Campus Tour**
Lab tour at the new Research and Education Center
for Culture and Computer Science (FKI) and
departments on the Campus Wilhelminenhof

[18:00] **WELCOME PARTY**
Venue to be announced

HTW-Campus
Wilhelminenhof



About the Conference

The 11th edition of the „Culture and Computer Science“ (Kultur und Informatik) conference series brings into focus best practice examples, challenges, and future trends in the fields of visualisation and interaction. The conference targets cultural politicians, employees of cultural and creative industries, communication scientists, cultural and artistic actors as well as computer scientists and engineers, who conduct research and development on cultural topics.

The presentations will discuss the following key topics:

- General conditions of cultural politics,
- Interdependence between culture and computer science,
- Influence of art and culture on future developments,
- The media-compatible treatment and enhancement of information,
- Intuitive usage of media systems.

These items shall primarily be analysed, demonstrated and discussed through best-practice examples for cultural and creative industries.

The conference will take place at the Campus Wilhelminenhof of HTW Berlin, University of Applied Sciences, and the Pergamon Museum Berlin.

More information under

<http://inka.htw-berlin.de/kui/>



CULTURE AND COMPUTER SCIENCE

VISUAL WORLDS AND INTERACTIVE SPACES

MAY 22–24, 2013

PERGAMON MUSEUM BERLIN AND
HTW BERLIN, UNIVERSITY OF APPLIED SCIENCES
CAMPUS WILHELMINENHOF



Day 2 | Thursday, May 23th, 2013

[10:00] REGISTRATION Theodor Wiegand Hall

[10:30] Opening
Michael Heine, HTW Berlin
Jürgen Sieck, HTW Berlin
Stefan Weber, Museum of Islamic Art
Arnold Picot, Curator of Alcatel Lucent Stiftung

I. SPACES OF KNOWLEDGE Mshatta Hall

[10:50] Chair: Elisabeth Lindinger, HTW Berlin
Keynote: Spaces of Invention.
Metropolis, Electricity, and History
Christian Kassung, HU Berlin
[11:35] „Not artful, but agile.“ Successful Strategies of
Knowledge Transfer in Hypermedia Design
Harald Kraemer, ZURICH UNIVERSITY OF ARTS
[12:00] „Interactive Documentary“
Anna Wiehl, University of Bayreuth

[12:30] LUNCH BREAK

II. MUSEUM VISUALISATIONS Mshatta Hall

[13:40] Chair: Regina Franken-Wendelstorf, HTW Berlin
Keynote: The Israel Museum in the Palm of your Hand
Susan Hazan, The Israel Museum, Jerusalem
[14:25] Territorial extensions and the differences in
architecture in the city of Resita Boroughs (Romania)
using geographical information system
George-Laurentiu Merciu, Cristina Merciu,
Daniel Peptenatu, University of Bucharest
[14:50] The Protected Urban Planet App: Amsterdam as a
Case Study
Natalia Stash, Loes Veldpau, Ana Pereira Roders,
Mark van der Net, Eindhoven University of Technology

[15:15] COFFEE BREAK Theodor Wiegand Hall

III. PECHA KUCHA Mshatta hall

[15:45] Chair: Matthias Prellwitz, HTW Berlin
Creative App Development in the Cultural Economics
Evren Eren, Dortmund University of Applied Science
and Arts, Christian Kraus, Christian Karnath,
2kit consulting
[15:55] A Smartphone Aided Location Aware Information
System for Museums and Galleries
Mircea Ionel Strutu, Daniel Caspari, Uwe Großmann,
Dan Popescu,
Dortmund University of Applied Science and Arts

[16:05] ParcView – Discovering Berlin’s cultural landscape
Petra Schoelkopf, Bund deutscher Landschafts-
architekten

[16:15] When App Appears among the Cultural and Creative
Industries and Tourism Factories
Shun-Fa Hsu, Chao-Sui Lin, Fang-Ping Cao,
Chien-Chih Lin, Chung Chou University

[16:25] Co-Active Media Arrangements
Reinhard Keil, Andreas Oberhoff, Felix Winkelkemper,
University of Paderborn

[16:35] Visualization of Architectural Sculpture
Kathleen Waak, Adolph-Goldschmidt-Zentrum

[16:45] From Virtual to Physical Model – Rapid Prototyping for
Exhibitions

Marc Grellert, Darmstadt University of Technology

[16:55] Rescue Old Dhaka
Kerstin Stutterheim, University of Film and Television
Konrad Wolf

[17:05] Information Guidance System „National Monuments“:
An Example from Namibia
Uwe Ulrich Jäschke, Jörg Strachotta,
Dresden University of Applied Sciences

[17:30] GUIDED MUSEUM TOURS
Pergamon Museum

[19:00] CONFERENCE DINNER
International Club of the Federal Foreign Office

Day 3 | Friday, May 24th, 2013

[10:00] REGISTRATION Theodor Wiegand Hall

[10:15] Opening
Jürgen Sieck, HTW Berlin

IV. VIRTUAL RECONSTRUCTIONS Mshatta Hall

Chair: Jürgen Sieck, HTW Berlin
[10:20] **Keynote:** Virtual Acoustic Reality and the
Reconstruction of Historical Performance Venues for
Music and Speech
Stefan Weinzierl, TU Berlin

[11:05] Virtual Reconstructions, Visualization, Auralization
and Interaction within a Cultural Heritage buildings
and Sites
Mojtaba Navvab, University of Michigan
Fabio Bisegna, Franco Guliermetti, University of Rome
Gunnar Heilmann, GFal Tech

[11:30] COFFEE BREAK Theodor Wiegand Hall

V. VIRTUAL RECONSTRUCTIONS II

[12:00] Chair: Erich Zielinski, Alcatel-Lucent Stiftung
Image-based Reconstruction: Flexible and Low-cost
3D Recording of Architecture, Artefacts, Anything
Benjamin Ducke, Flemming Højlund, Moesgaard
Museum, Jonatan Rose Andersen, Paulina Suchowska,
Aarhus University, Shehab A.H. Shehab,
National Council for Culture, Arts & Letters Kuwait
[12:30] Development of interactive media façade applications
with a flexible hard- and software architecture
Stephan Bergemann, Julien Letellier, Jens Reinhardt,
Jürgen Sieck, HTW Berlin

[13:00] LUNCH BREAK

VI. INTERACTION AT THE THEATRE Mshatta Hall

Chair: Arnold Picot, Ludwig Maximilian University Munich
[14:00] **Keynote:** Banging My Head Against the Table
Use of computerised technologies to create the first
all animated version of „Die Zauberflöte“
Paul Barrit, 1927

[14:45] TBA

TBA

[15:10] To See or Not to See – An Interactive Tool for the
Visualization and Analysis of Shakespeare Plays
Thomas Wilhelm, Manuel Burghardt, Christian Wolff,
University of Regensburg

[15:35] COFFEE BREAK Theodor Wiegand Hall

VII. VIRTUAL AND AUGMENTED REALITY Mshatta Hall

Chair: Uwe Großmann, Dortmund University of
Applied Science and Arts
[16:05] Acquisition and Enhancement of Multispectral
Images of Ancient Manuscripts
Fabian Hollaus, Melanie Gau, Robert Sablatnig,
Vienna University of Technology

[16:30] Ein Natural User Interface zur Steuerung einer
Augmented-Reality-Anwendung in der
CAVE der HTW Berlin
Hannes Helmholz, Thomas Jung, Franz Simon,
HTW Berlin

[16:55] Gestures of Appropriation in the Pictorial Universe of
Painting Through the Use of a Tangible Surface
Silvia Raquel Pinto, Lia Oliveira, Nelson Zagalo,
University of Minho

[17:20] CONCLUSION