

DLA 2010 PROGRAM

Program Version May 22, 2010

**DIGITAL
LANDSCAPE ARCHITECTURE**
DLA 2010 | 26 - 29 May
Aschersleben, Germany



Hochschule Anhalt (FH)
Anhalt University of Applied Sciences

12th International Conference on Information
Technologies in Landscape Architecture

English language conference - Deutsche Simultanübersetzung

It's a great honor to have you all here today.

We're looking forward to serving you and we hope you enjoy your stay with us.

Please enjoy our hospitality and if you require anything feel free to ask the Information Desk.

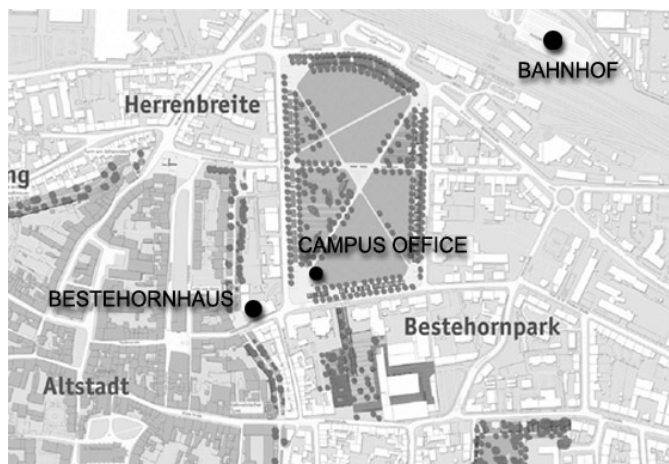
We hope you enjoy the presentation.

WEDNESDAY, May 26

- 16:00 Begin of Registration, technical set up for speakers and vendors,
Welcome at conference location, Introduction DLA Summer School 2010 – KLEINER SAAL –Bestehornhaus,
Hecknerstraße 6, D-06449 Aschersleben
- 17:00 **Guided Tour at "Landesgartenschau Aschersleben"** by Jürgen Herzog, Director Landesgartenschau GmbH
- 19:00 **Public Opening Lecture**
Prof. Dr. Carl Steinitz, Harvard University, USA
Landscape Architecture into the 21st Century
Moderation: Prof. Dr. Christina von Haaren, University of Hannover, Germany
- 20:30 *Get-together, Restaurant Bestehornhaus*

DLA EXPO

Please visit the DLA 2010 EXPO with the DLA 2010 Poster Presentation, and presentations of ECLAS, BDLA and Architektenkammer Sachsen-Anhalt, Landesamt für Vermessung und Geoinformation Sachsen-Anhalt (LVermGeo), Burg Giebichenstein, Anhalt University of Applied Sciences and vendors.
The DLA Expo is located on the first floor and open to the public.



Digital Information Committee

ECLAS

EUROPEAN COUNCIL OF
LANDSCAPE ARCHITECTURE
SCHOOLS



THURSDAY, May 27 >>> Sustainable Landscape Modeling & Design <<<

08:00 Conference Registration, Coffee
09:00 Opening Addresses
Prof. Erich Buhmann, DLA Conference Chair
Prof. Dr. Dr. h.c. Dieter Orzessek, President, Anhalt University of Applied Sciences / Hochschule Anhalt (FH)
Dr. Hermann Onko Aeikens, Minister for Agriculture and Environment, Saxony-Anhalt
Andreas Michelmann, Mayor, City of Aschersleben

10:00 Opening Keynote
Prof. Dr. Carl Steinitz, GSD Harvard University, USA
A History of GIS developed at Harvard from 1965 to 1970

Honorable Mention, Welcome Addresses by Sponsors
Group photo of participants in front of Bestehornhaus

Session 1: Sustainable Landscape Modeling & Design

Moderation: Prof. Dr. Ian Bishop

11:30 Prof. Dr. Stefan Taeger, Fachhochschule Osnabrück, Germany
GIS and Hydrological Models as Tools for Habitat Modeling in Alluvial Plains

11:50 Prof. Dr. Patrick A. Miller, Virginia Polytechnic Institute and State University, United States
Integration of Geospatial Technologies and the Google Earth Application as a Tool for Scenic Assessment and Management: A Study of Claytor Lake, Southwest Virginia

12:10 Chris Speed, Edinburgh College of Art, United Kingdom
Landscapes: Using smart phones as a design tool in Landscape Architecture

12:30 *Lunch and Opening of Poster Exhibition*

Session 2: Sustainable Landscape Modeling & Design (cont.)

Moderation: Prof. Dr. Michael Flaxman, MIT, United States

14:00 Keynote Prof. Dr. Thomas Blaschke, University of Salzburg, Austria
Sustainable Landscapes: Regionalization of Resources, Potentials and Demands

14:40 Ulrike Wissen Hayek, ETH Zürich, Switzerland
Integrating Natural Resource Indicators into Procedural Visualization for Sustainable Urban Green Space Design

15:00 Prof. Dr. Jörg Rekitke and Philip Paar, National University of Singapore, Singapore
Grass Roots GIS: Digital Outdoor Designing Where the Streets Have No Name

15:30 *Coffee*

15:30 – 17:00 Parallel Workshop – KLEINER SAAL –
Teaching Digital Landscape Architecture in 2015
This workshop is organized as a platform for lectures in landscape architecture.
Chair: Prof. Einar Kretzler
Please sign up for the limited seats during registration.

Session 3: Knowledge-Based Design and Planning

Moderation: Prof. Dr. Eckart Lange

16:00 Alenka Cof, University of Ljubljana, Biotechnical Faculty, Slovenia
Knowledge Support for Planning in Transition: Spatial Vulnerability Analysis for Canton, Sarajevo

16:20 Sónia Maria Carvalho Ribeiro, University of East Anglia, UK
Integrating Public Uses and Preferences for Forests into Sustainable Landscape Modeling: A Case Study in Northern Portugal

16:40 Marcel Heins, Anhalt University of Applied Sciences, Germany
Green Spaces 3.0 – Framework, Methods and Data Model for Linking Knowledge and Information Management in Planting Design for Knowledge-Based Software Systems

17:00 **Panel Discussion with all speakers**
Closing of sessions for the day
Moderation: Prof. Dr. Michael Flaxman

18:00 Guided tour „Landesgartenschau Aschersleben LAGA“ by Jürgen Herzog, LAGA Organisation
19:00 Conference reception and buffet dinner at LAGA Aschersleben
– **Campus Office Anhalt University** - Hosted by Prof. Reiner Schmidt, Anhalt University of Applied Sciences
Catering MLA Students
Musical Intervals by Jaezzonanz, Bernburg

FRIDAY, May 28 >>> Landscape Modeling and Design <<<

Session 4: Landscape Information Models LIMs

Moderation: Prof. Dr. Thomas Blaschke

- 09:00 Keynote: Prof. Dr. Ian Bishop, University of Melbourne, Australia
Scenario based evaluation of landscape futures: Tools for development, communication and assessment
- 10:00 Henk Kramer, Wageningen University, Alterra, Netherlands
Favoring Four Dimensions in Landscape Design
- 10:20 Andrew Lovett, University of East Anglia, United Kingdom
Representing and Communicating Rural Futures Through 3D Landscape Visualizations: Experiences from the RUFUS Project
- 10:40 Prof. Dr. Michael Flaxman, Massachusetts Institute of Technology, USA
Fundamental Issues in GeoDesign
- 11:00 *Coffee / Meet poster designers*

11:00 – 13:00 Parallel Workshop – KLEINER SAAL –

The Need for Standardization for a Landscape Information Model LIM and BIM

This workshop is organized as a platform for the software industry and its partners in the scientific community.

Chair: Prof. Erich Buhmann

Please sign up for the limited seats during registration.

Session 5: 3D and 4D Landscape Modeling and Visualization

Moderation: Prof. Joachim Kieferle, Hochschule RheinMain, Wiesbaden

- 11:30 Sandor Jombach, Corvinus University of Budapest, Hungary
Using GIS for Visibility Assessment of a Wind Farm in Perenyé, Hungary
- 11:50 Ruben Joye and Harlind Libbrecht, University College of Ghent, Belgium
On the Applicability of Digital Visualization and Analysis Methods in the Context of Historic Landscape Research
- 12:10 Dirk Stendel, Technical University of Berlin, Germany
Autostereoscopic 3D-Geovisualization of Crime Scene Distributions
- 12:30 *Lunch*
- 12:45 *Optional: Working lunch with euroGIS IT-Systeme presenting software family StadtCAD and FloraCAD*
- Session 6: 3D and 4D Landscape Modeling and Visualization (cont.)**
Moderation: Prof. Einar Kretzler
- 14:00 Keynote: Prof. Dr. Eckart Lange, The University of Sheffield, United Kingdom
3D-Visualization for the Sustainable Development of Urban River Landscapes - Approaches in the Multidisciplinary URSULA Project
- 14:40 Prof. Dr. Mark Lindquist, North Dakota State University, United States
Affordable Immersion Revisited: A Proposal for a Simple Immersive Visualization Environment to Increase Uptake
- 15:00 Wanda-Marie Steinhilp and Prof. Dr. Ulrich Kias, Weihenstephan Triesdorf University of Applied Sciences, Germany
Comparison of 3-D Printing Techniques Usable in Digital Landscape Architecture
- 15:30 *Coffee*
- Session 7: 3D and 4D Landscape Modeling and Visualization (cont.)**
Moderation: Prof. Dr. Eckart Lange
- 16:00 Prof. Dr.-Ing. L. Koppers, F. Benndorf and D. Straten, Anhalt University of Applied Sciences, Germany
Visualization of Demographic Change
- 16:20 **Panel Discussion with all speakers**
Closing of sessions for the day
Moderation: Prof. Einar Kretzler
- 18:00 Bus departure to World Heritage Site Quedlinburg, Guided tour >>> <http://www.quedlinburg.de/>
- 20:00 Conference dinner at Palais Salfeldt in Quedlinburg >>> <http://www.palaissalfeldt.de/>
DLA Awards, Musical Intervals by Torsten Höher and Partner – Saxophone and Piano

SATURDAY, May 2 >>> New Media Application in Landscape Architecture <<<

- 09:30 **Session 8: Compact Presentations: Innovation Media Landscape Architecture**
Moderation: Prof. Joachim Kieferle, Hochschule RheinMain, Wiesbaden
Kylie Satterman, Christina Forrest, Ashley Hudson, and Mark Lindquist, North Dakota State University, USA
A Critical Analysis of Immersive Labs with Today's Technology
Uli Kühnle and Karl Schikora, Burg Giebichenstein Hochschule für Kunst und Design / University of Art and Design, Halle, Germany, **SAMIRA – The smart guide: Eskimos, Budda and the Sweet Lake, - an App for iPhones**
A.Senem Deviren, Zeynep Sarımustafa, Doğa Duygu Uslu, Hazal Bal, Dilde Barutçu, Istanbul Technical University, Turkey: **Experimental Urban-Scapes, Istanbul**
Marcela García Padilla, Erich Buhmann, Anhalt University of Applied Sciences / Hochschule Anhalt (FH) Bernburg, Germany and Kai Tobias, University of Kaiserslautern, **Integrating Ecological Landscape Planning and GIS technology in the frame of a Zoning map proposal in a National Park of Costa Rica**
Tamar Elshayal, Anhalt University of Applied Sciences / Hochschule Anhalt (FH) , Bernburg, Germany
From Amenities to Infrastructure, An Alternative Design Concept for Imbaba Airport land, Cairo
Damian Perez-Beverinotti, Erich Buhmann and Matthias Pietsch, Anhalt University, Bernburg, Germany
Contributions of Landscape Planning and Landscape Design for a more Sustainable Water Management in the Mediterranean Island of Gozo, Malta
NN Author DLA 2010 Poster Award Application of New Media in Landscape Architecture
NN Author DLA 2010 Poster Award GIS Application in Landscape Architecture
NN Author DLA 2010 Poster Award Presentation of Design in Landscape Architecture
NN Author DLA 2010 Poster Award Best Professional Contribution to Digital Landscape Architecture (nomination by jury May 22, 2010)
- 10:00 Keynote Prof. Arno S. Schmid, President German Federal Chamber of Architects (BAK), Berlin, Germany
Virtual and Real Landscapes: Their Roles in Social and Urban Development in the 21st Century
- 10:40 Prof. Stefan Pinkau, Anhalt University of Applied Sciences, Germany
Programming Architecture
- 11:30 Moderation: Prof. Arno S. Schmid
Eelco Hooftman, GROSS.MAX, Edinburgh, UK
(Public) Realm of the Senses
- 11:50 Erik Ott and Andreas Westendorf, Büro Kiefer, Landschaftsarchitekten, Berlin, Germany
Power of Images - The Berlin Rathaus Forum Experiment
- 12:15 Lunch / Poster Exhibition
12:45 Optional: *Adolf Walter Faust, Sinai, Berlin* **Guided Tour at "Landesgartenschau Aschersleben"**
12:45 Optional: **Working lunch with virtualcitySYSTEMS** presenting the software family *LandExplorer*
- 14:00 Moderation: Prof. Rainer Schmidt, Vice President DGGL, Beuth TFH, Berlin
Keynote : Prof. Dr. Jörg Rekitke, National University of Singapore, Singapore
Untrodden Territory of Digital Landscape Architecture
- 14:40 Bart Brands, KARRES EN BRANDS, Hilversum, Netherlands
Printing Landscapes
- 15:00 Martin Rein-Cano, TOPOTEK 1, Berlin, Germany
Transcriptions
- 15:30 *Coffee*
- 16:00 Moderation: Prof. Dr. Jörg Rekitke;
Adolf Walter Faust, SINAI, Berlin, Germany
Park Sculpture "Aschersleber Globus" - State Garden Show Aschersleben 2010
- 16:20 Dr.-Ing. Ursula Gabrielle Nothhelfer, SNOW Landschaftsarchitekten, Halle and Karlsruhe, Germany
Digital Presentations for Landscape Architecture Competitions
- 16:40 **Panel Discussion**
Closing of conference with all speakers
Moderation: Prof. Erich Buhmann
- 20:00 Evening in Aschersleben, Bestehornhaus: „The Pink Floyd Concert Project.“
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SUNDAY, May 30

Harz Excursion

Landscape Architecture & Heritage: Historical garden tour with Heike Mortell, Landesamt für Denkmalpflege und Archäologie
9:00 (9 AM) Bus departure from Bestehornhaus - Blankenburg - Wernigerode - train station 13:00 (1 PM) or 15:00 (3 PM) and return to Aschersleben- train station 17:00 (5 PM) >>> see enclosed program.

Excursion to the Harz Mountains on Sunday 30th May, 2010

Landscape Architecture and Heritage:

Historic garden tour with Heike Mortell

Office for the Preservation of Historic Monuments and Archaeology
in Saxony-Anhalt

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*Gartenhistorische Exkursion mit Heike Mortell,
Landesamt für Denkmalpflege und Archäologie
des Landes Sachsen-Anhalt
Busexkursion am Sonntag, den 30.05.2010*

9:00 AM

Bus departure

Meeting point: Bestehornhaus, Aschersleben

Abfahrt - Treffpunkt Bestehornhaus Aschersleben

9:30 – 11:00

Chateau Park Ballenstedt

(Late work of the garden artist Peter Joseph Lenné, water axis in Italian Renaissance style, flanked by a spacious landscape garden)

Schlosspark Ballenstedt (Alterswerk des Gartenkünstlers Peter Joseph Lenné, Wasserachse nach Vorbild der ital. Renaissance, beidseitig davon weitläufiger Landschaftspark)

11:15 – 12:00

Roseburg

(reconstruction of 1910 work by theatre architect Bernhard Sehring, Berlin)

Roseburg (historistische Anlage des Berliner Theaterarchitekten Bernhard Sehring, entstanden ab 1910)

1 – 3 PM

Chateau Gardens, Wernigerode

(13.00 - 15.00)

(First referred to around 1700, re-landscaped, historic artistic synthesis by the Architect Carl Frühling, altered from 1863 - 1885 for Count Otto zu Stolberg-Wernigerode)

Schlossgärten Wernigerode (erste Erwähnung um 1700, landschaftlich überformt, historistisches Gesamtkunstwerk des Architekten Carl Frühling, 1863 – 1885 für Graf Otto zu Stolberg-Wernigerode erbaut)

3:30 – 4:30 PM

Chateau Gardens, Blankenburg

(15.30 - 16.30)

(Baroque garden ensemble, pheasant garden, modern restructuring in 2004)

Schlossgärten Blankenburg (barockes Gartenensemble, Fasanengarten 2004 angelegt)

approx. 5:00 PM Return to Aschersleben

(ca. 17.00)

Ankunft Ascherleben

We can arrange the following stops for those leaving earlier by train:

1 PM (13:00) Train station, Wernigerode

3 PM (15:00) Train station, Wernigerode

5 PM (17:00) Train station, Aschersleben

Fee for bus and entrance: 80 Euro (included in the fee of the DLA Summer School).

Because of limited seats, you need to register at the registration desk.