



11th International Conference on Information Technologies in Landscape Architecture

“Digital Landscape Architecture 2010”

May 27 - 29, 2010 held in ASCHERSLEBEN, Germany

Anhalt University of Applied Sciences in cooperation with the LE:NOTRE working group Information Technology

Program

Draft February 15, 2010

**11th International Conference on Information Technologies in Landscape Architecture
Anhalt University of Applied Sciences
in cooperation with
LE:NOTRE and ECLAS committee on Digital Technology**

International English Language Summer School

DIGITAL LANDSCAPE ARCHITECTURE 2010:

“GeoDesign” and “Landscape Visualization”

26. May - 1. June

Aschersleben, Harz Mountains, and Bernburg Campus, Germany

New Information Technologies are challenging the field landscape architecture daily. Strategies for meeting this challenge will be presented this year in more than forty lectures given by speakers from landscape architecture schools and leading landscape architecture offices from 15 different countries. Workshops on standardization, teaching digital methods, and presentations by leading vendors are also offered. The conference is complemented by a poster exhibition and the below described integrated summer school program.

- The State Garden Show “Natur findet Stadt” near the lovely Harz Mountains are setting a pleasurable and historically remarkable environment for this 11th international conference on Digital Landscape Architecture.

The summer school program continues with training sessions by renowned lecturers on Monday and Tuesday at Bernburg Campus.

Keywords:

GeoDesign, Concept and Introduction

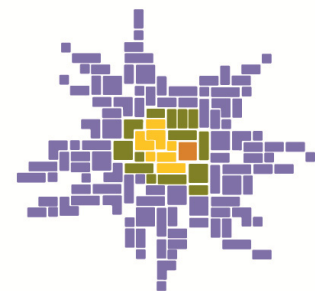
Work Environment

Supportive Workflows and Project Management in Landscape Visualization

Design Tools

Applying GIS- and CAD Software and their integration for Landscape Visualization:

ArcGIS, LandXplorer, Civil3D, SketchUp, Lenné3D, Biosphere3D

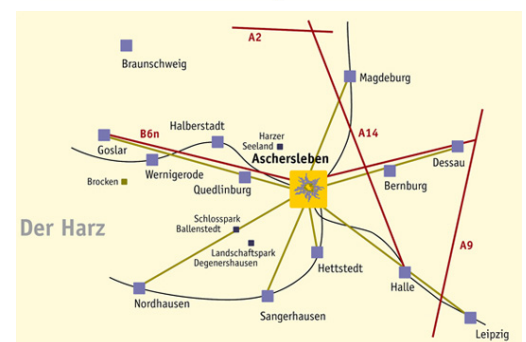


Landeskartenschau

Aschersleben

24. 4. – 10. 10. 2010

Natur findet Stadt



Trainer and Lecturers:

Dr. Stephen Ervin, GSD Graduate School of Design Harvard University, USA

Prof. Dr. Michael Flaxman, MIT Massachusetts Institute of Technology, USA

Prof. Erich Buhmann, Anhalt University of Applied Sciences, Bernburg, Germany

Msc. Matthias Pietsch, Anhalt University of Applied Sciences, Bernburg, Germany

MA Rene Krug, University of Applied Science, Bernburg, Germany

Dipl.-Ing. (FH) Marcel Heins, Anhalt University of Applied Sciences, Bernburg, Germany

Dipl.-Ing. Philip Paar, Guest Lecturer National University of Singapore, Germany

Dipl.-Ing. Katrin Pinkert, virtualcitySYSTEMS GmbH, Dresden, Germany (req.)

First location: Bestehornhaus, Hecknerstraße 6, D-06449 Aschersleben, Germany

WEDNESDAY, May 26

- 16:00 Registration, technical set up for speakers and vendors, and welcome at conference location,
17:00 DLA 2010 Summer School Introduction Lecture
19:00 **Public Lecture**
Prof. Dr. Carl Steinitz, Graduate School of Design GSD Harvard University, USA:
Landscape Architecture into the 21st Century
Moderation: Prof. Dr. Christina von Haaren, University of Hannover, Germany
Followed by Welcome Party for DLA 2010 Summer School, Bestehornhaus

THURSDAY, May 27 – SUNDAY, May 30:

Participation in Conference Digital Landscape Architecture 2010

- see DLA 2010 Conference Program

www.landschaftsinformatik.de

**Second location: Bernburg Campus, Hochschule Anhalt, Thünenhaus,
Strenzfelder Allee 28, D-06404 Bernburg, Germany**

MONDAY, May 31

- 09:00 **Course "GeoDesign"**
Prof. Dr. Michael Flaxman, Massachusetts Institute of Technology MIT, USA
Topic 1: „**GeoDesign: Concept for an Integrated Digital Landscape Architecture Workflow**“
Introduction Lecture
10:00 Lecture (group A, TH HS) and exercises (group B, GIS Lab TH) in parallel sessions
11:30 Lecture (group B, TH HS) and exercises (group A, GIS Lab TH) in parallel sessions
13:00 *Lunch*
14:00 Dr. Stephen Ervin, GSD Harvard University (via video conference)
Topic 2: "**Landscape Modeling with GIS**"
15:00 Lecture (group A, TH HS) and exercises (group B, GIS Lab TH) in parallel sessions
16:30 Lecture (group B, TH HS) and exercises (group A, GIS Lab TH) in parallel sessions
18:00 Discussion
19:00 Summer course party in Bernburg

TUESDAY, June 1

- 09:00 Philip Paar, Berlin / Singapore
Topic 3: "**Landscape Modeling of Interactive 3D Virtual Environments**"
10:00 Lecture (group A, TH HS) and exercises (group B, GIS Lab TH) in parallel sessions
11:30 Lecture (group B, TH HS) and exercises (group A, GIS Lab TH) in parallel sessions
13:00- *Lunch*
14:00 Philip Paar, Berlin / Singapore
Topic 4: "**Interactive GeoDesign in 3D Virtual Environments**"
15:00 Lecture (group A, TH HS) and exercises (group B, GIS Lab TH) in parallel sessions
16:30 Lecture (group B, TH HS) and exercises (group A, GIS Lab TH) in parallel sessions
17:30 Presentation and Discussion
End of DLA Summer School course

Assignment due:

Assignments have to be handed in by 30 June, 2010 (digital submission) for final evaluation (either for a workload of 60 hours or 120 hours).

Requirements:

Basic knowledge of CAD and GIS

Fees:

The total amount for the course programme for

- students enrolled in other universities for the time equivalent of 60 hours student workload (equal to 2 credits ECTS by your home university) is 480 EUR , or
- students enrolled in other universities for the time equivalent of 120 hours student workload (equal to 4 credits ECTS by your home university) is 580 EUR.

If you are already enrolled in a university and if you are interested in gaining credits for your Workload Certification of the DLA Summer School, you need to clear this with your administration and academic advisor beforehand.

The fee covers DLA 2010 Conference, Conference Buffet and Dinner, the 2010 conference proceedings, commuting costs between the two conference locations, bus for the one day Harz excursion and the administration costs for the DLA Summer School Certification.

Accommodations:

Reasonable accommodations are available at both locations

Teaching language: English

Teaching units (lectures):

The aim of the teaching units and exercises is to provide an overview of the different aspects of GeoDesign involving the three activity spaces

- Work Environment
- Design Tools
- Supportive Workflow.

The lectures give all participants the opportunity to learn an efficient workflow using different software products for design purposes. The focus is to get a true understanding of our complex and dynamic earth and to create a framework for taking many different parts from a variety of sources and to merge them into a single system. At the end, each participant should be able to present her/his results using an open source globe for visualizing her/his design ideas.

The DLA Summer School 2010 and the DLA conference 2010 are organized in cooperation with ECLAS / LE:NOTRE Committee on Information Technology in Landscape Architecture and the BDLA

Registration:

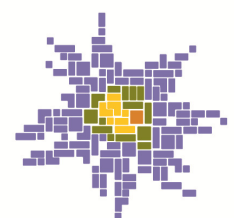
> www.landschaftsinformatik.de >

DLA Conference > Registration

2010 Conference Partners:

agit2010

SYMPOSIUM und FACHMESSE
Angewandte Geoinformatik
Salzburg, 7. bis 9. Juli



Landesgartenschau
Aschersleben
24. 4. – 10. 10. 2010
Natur findet Stadt

Conference Sponsors (2009):

SYNERGIS

Lenné3D

Digital Botany / Virtual Landscapes
leme3d.com

a.o.

Leading CAD/GIS Vendors will be presenting during the conference in the foyer of Bestehornhaus

Conference Scientific Director and Contacts:

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Conference proceedings: atelier.bernburg@t-online.de // Conference organization: la@loel.hs-anhalt.de

Conference System hosted by Prof. Joachim Kieferle, Rhein-Main Hochschule (FH), Wiesbaden, Germany