

Workshop

Thermal Comfort in Urban Planning and Architecture under Consideration of Global Climate Change

Feb. 20th and 21st 2008
KASSEL Germany

Location

**Kasseler Architekturzentrum (KAZ)
Hauptbahnhof Kassel (Main Station Kassel)
Bahnhofsplatz, Kassel**

Organized by:

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Dipl. Ing Sanda Lenzholzer Landscape Architecture Department University Wageningen, NL

The workshop will be held in the Kasseler Architekturzentrum, which is located directly in the main station of Kassel; Bahnhofsplatz
<http://www.kulturbahnhof-kassel.de/bahnhofsplan>

Pre booked accommodation: Hotel Excelsior, Erzberger Str. 2,
34117 Kassel (very close to main station)
<http://www.excelsior-kassel.de>
Phone: 00495617664640
latest reservation 31.12.07

Aim of the workshop

Communicate the relationship between meteorological/ physical and psychological factors on thermal comfort perception in urban outdoor space and reflection in climate-responsive design under the consideration of climate change.

19. February 2008 arrival with welcome drinks and some snacks at 19:00

at the

„Zentrum Umweltbewußtes Bauen“ Gottschalkstr. 28 Kassel

Introduction: Dr. Dietrich Schmidt, Fraunhofer Institute Kassel

Location site: <http://www.zub-kassel.de/kontakt>

Departure from Hotel Excelsior 18:30

Programme:

20.Feb. 2008

10:00 Welcome and Introduction

Association of German Architects

University Kassel

University Wageningen

Dipl. Ing Manfred Lenhart

Prof. Dr. Lutz Katzschner

Dipl. Ing. Sanda Lenzholzer

Introduction to Disciplines / Initial Statements

10:15 **Prof. Dr. Helmut Mayer** University Freiburg
Thermal comfort in urban climate research an overview

10:45 **Vinzenz Frhr. von Feilitzsch** Architect and Urban Planner
Urban planning developments

11:00 **Prof. Koen Steemers** Martin Centre Cambridge,
President of PLEA
Diversity in architecture and urban design and thermal comfort

Coffee break

Theme 1: Analysis methods: thermal comfort measurements, thermal comfort sensation

12:00 **Prof. Dr. Ingegärd Eliasson; Prof. Dr. Sofia Thorsson;
Prof. Frederik Lindberg** University Göteborg
Thermal comfort; investigations and conclusions (first part)

Break for Lunch

Continuing: Thermal comfort; investigations and conclusions (second part)

14:30 - 16:30

Prof. Dr. Michael Bruse, University Mainz
BOTWorld, model for thermal comfort analysis

Dipl Ing Sanda Lenzholzer University Wageningen
Spatial perception and thermal comfort experience

Vicky Cheng, Martin Centre Cambridge
Lessons to be learned from thermal studies in tropical climates

Prof. Dr. Marialena Nikolopoulou, University Bath England
Architecture and thermal comfort

17:00 **Discussion of day one (round table)**

19:00 **Dinner**

21. Feb. 2008

Theme 2: Climate responsive design for outdoor thermal comfort under consideration of climate change

9:00 **Dr. Paul Dostal; Dr. Jutta Holst** University Freiburg
Project KLIMES

9:30 **Prof. Wigbert Riehl** University Kassel
Aspects from landscape architecture "der Klimagarten"

Prof. Norman Pressman
Stressful climates: Thermal comfort in the public realm

Coffee break

Theme 3: Evaluation and planning assessment

10:00 **Dr. Rainer Röckle** IMA Freiburg
Urban Climate Map and Planning

10:30 **Dr. Ulrich Reuter** City of Stuttgart
20 years experience in urban climate and planning in Stuttgart

11:30 to 13:00 Round table discussion with participants and invited planners

Special guests for the round table discussion (asked):

Günther Schleiff, Barbara Ettliger-Brinckmann, Michael Berg-holter Architects, Association of German Architects (BDA)

Dr. Heike Koeckler Centre for Environmental System Research, Environmental Justice

Dr. Seuren-Kronenberg, Health Department Kassel

Dipl. Ing. Regula Ohlmeier, Environmental Department Kassel

Lunch and end of the workshop