

Local Organization:

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Conference Venue

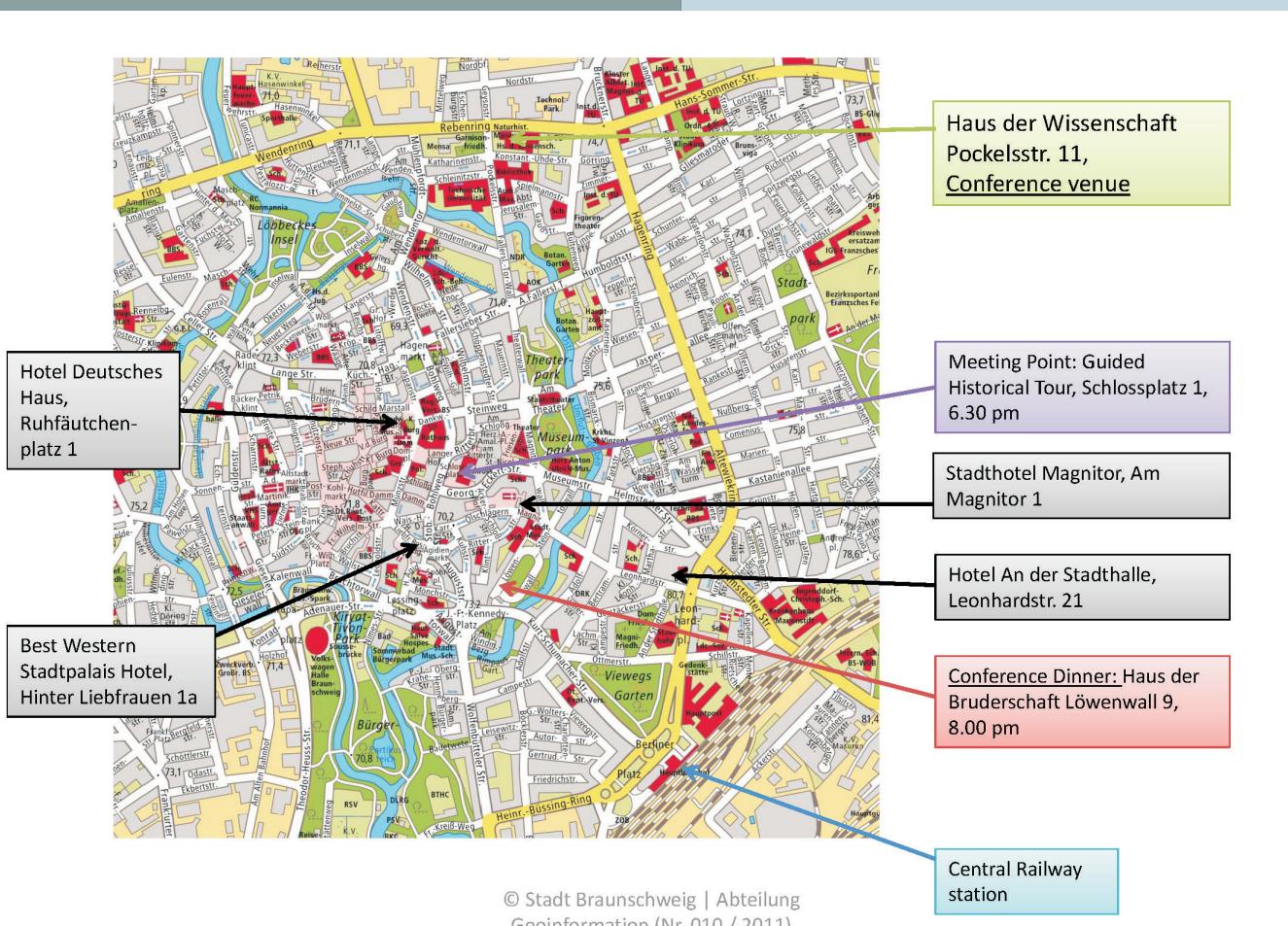
Haus der Wissenschaft
Pockelstrasse 11
Braunschweig, Germany

Conference Dinner

Haus der Bruderschaft
Löwenwall 9
Braunschweig, Germany

Hotels

We have arranged some room contingents in
several hotels, which are shown on the map.



9th International Probabilistic Workshop

17 - 18 November 2011 Braunschweig, Germany

In cooperation with

GRK 802
Risk Management of Natural and
Civilization Hazards on Buildings and
Infrastructure

NTH-Bau
Life Cycle Engineering for Engineering
Structures and Buildings



Program, 17.11.2011

9:00	Opening by M. Krafczyk & H. Budelmann & D. Proske
9:10	Keynote Lecture: Overview of recent accomplishments and challenges in life-cycle bridge engineering D. Frangopol & P. Bocchini
9:40	Modelling Cost Association in Sequential Risks and Activities in Construction Schedules A. E. Tamparopoulos, D. Alfreider & K. Bergmeister
10:00	Establishing the Renovation Maintenance Term & Rate of Public Educational Facilities by Probabilistic Analysis C.-K. Lee & T.-K. Park
10:20	Coffee break
10:40	Keynote Lecture: Theoretical Basis of the Target Reliability M. Holicky & J. Retief
11:05	Contribution of knowledge of real properties of existing civil engineering structures in refining the structures reliability assessment R. Goy, G. Thillard & H. Yanez-Godoy
11:25	Fuzzy and reliability analysis of unreinforced masonry walls subjected to in-plane shear loading M. M. Ghaem, J.-U. Sickert, W. Graf & W. Jäger
11:45	A Risk-Based Approach to Measure the Propensity to Progressive Collapse of Frame Structures F. Barni
12:05	A Methodology for Effective Reliability Assessment of Composite Members S. Proia & A. J. Kolios
12:25	Lunch
13:20	New Evaluation of External Hazards in the Light of the Fukushima Accident M. Krauss & H.P. Berg
13:40	Establishing reliability methods in structural analysis of building structures of nuclear power plants D. Suchard, S. Sperbeck & J. Sievers
14:00	Implementation of probabilistic methods in structural design S. Glowienka, A. Fischer & M. Krauss
14:20	Probabilistic analysis of radial gear compressors T. van Lil, M. Voigt & K. Vogeler
14:40	State-of-the-art fire life safety assessment: probabilistic CFD and evacuation simulation C. Albrecht & D. Hosser
15:10	Coffee break
15:30	On the influence of the variability of soil parameters on the behavior of laterally loaded piles in sand K. Schmoor & M. Achmus

15:50 Compliance Assessment regarding the content of dissolveable chlorides
W. Hinrichs

16:10 Analysis of compliance criterion for concrete compressive strength with use of the three-phase method
I. Skrzypczak

16:30 Assessment of Engineering Structures based on Influence Line Measurements & Model Correction Approach
R. Wendner, A. Strauss, A. Krawtschuk, T. Zimmermann & K. Bergmeister

16:50 Closing

18:30 Social Program: City Tour (Schlossplatz 1)

19:45 Dinner (House of Bruderschaft: Löwenwall 9)

12:15	Land-use strategies for coastal erosion zone based on a risk-informed approach F. Li, P.H.A.J.M van Gelder, R.B. Jongejean, R. Ranasinghe & D.P. Callaghan
12:35	Probabilistic seismic hazard analysis for Tehran, limitations and new results H. Hamzehloo
12:55	Risk of ice shed from wind turbines M. Drapalik, H. Formayer & W. Kromp
13:15	Closing and Lunch

Program, 18.11.2011

8:45	Probabilistic nonlinear analysis of reinforced concrete frame structures P. Gordeev & Y. Petryna
9:05	Concept of the evaluation of corrosion by acid and sulphate solution of cement based materials E. Rigo, F. Schmidt-Döhl & H. Budelmann
9:25	Reliability Assessment of Corroding Reinforced Concrete Slabs with Inspection Data J. Fischer & D. Straub
9:45	Challenges of probabilistic approaches in durability design of concrete structures L. Lohaus & J. Gerlach
10:05	Coffee break
10:20	Extreme Value Statistics for Monitoring based Performance Assessment of Concrete Structures A. Strauss, R. Wendner & D. Frangopol
10:40	Multi-domain Adaptive Surrogate Models for Reliability Analysis D. Roos
11:00	Simulation of structural behaviour under random spatial variability D. L. Allaix, V.I. Carbone & G. Mancini
11:20	Response surface method in advanced reliability based design M. Huber, B. Westrich, P.A. Vermeer & Ch. Moormann
11:40	Coffee break
11:55	Deriving a Beta-Like Distribution for Reliability Problems Assuming a Weibull Distribution for Failure Times H. Van Erp & P. van Gelder

Registration

I would like to attend the conference:

Title:

Surname:

First Name:

Institution:

Address:

Tel.:

Fax:

E-Mail:

The registration fee is

250 Euro

80 Euro for Students

Please fax the registration form to

Fax: 0049-531-391-4215

or send it either via E-mail or mail to:

d.kaehler@tu-bs.de

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Detailed information are also available on:

<https://edu3.zfw/etc.tu-bs.de/9ipw/>