

Excursion and Lectures

in the frame of the
International Msc. Program

Winter term 2009/2010

"Natural Hazards Mitigation in Structural Engineering"

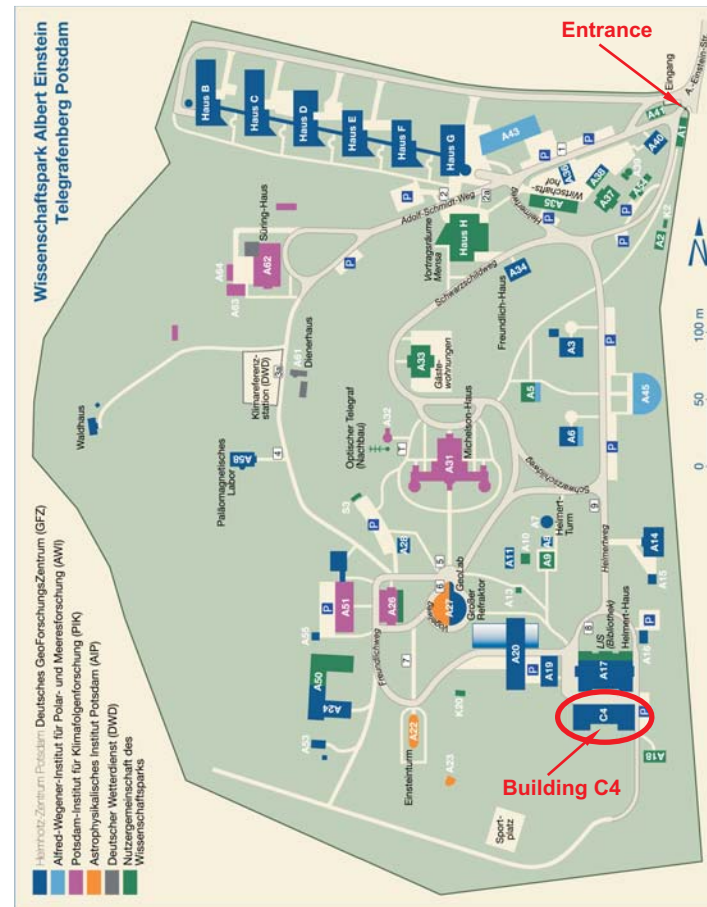
at the GFZ Potsdam
18/19 November 2009

Bauhaus-Universität Weimar



Pakistan (2005), Quelle: EDAC

in cooperation with



Workshop locations

At the building **C4**,
room **2.06**

How to get to the GFZ

From the Potsdam Central Station:
keep south, cross Friedrich-Engels-Str.
and Heinrich-Mann-Allee, continue uphill
along Brauhausberg and follow
Albert-Einstein-Straße to its end;
approximate duration: 15 minutes.

Or you take the bus 691 directly to the
"Albert Einstein - Wissenschaftspark".



Workshop

“Natural hazards, risks and early warning”

18 November 2009

- 13:30- **Welcome and Overview GFZ**
14:00 (Küppers)
- 14:00- **Walk over the Telegrafenberg**
15:00

Tea Break

- 15:30- **Earthquake hazard and risk**
16:00 (Grünthal)
- 16:00- **Flood hazard and risk**
16:30 (Vorogushin)
- 16:30- Discussion
16:45

19 November 2009

- 09:30- **Task Force Earthquake - Introduction**
09:45 (Zschau)
- 09:45- **The German Task Force Earthquake - an interdisciplinary approach for monitoring earthquake phenomena**
10:15 (Sobiesiak)
- 10:15- **The 6 April 2009 L'Aquila earthquake: Overview of the GFZ activities**
10:45 (Parolai)

Coffee Break

- 11:30- **Real time monitoring of structures by the SOSEWIN system**
12:00 (Picozzi)
- 12:00- **The Italian strong motion data base: From raw data to Ground Motion Prediction Equations**
12:30 (Bindi)
- 12:30- **Missions from Engineering Group GTFE to Pakistan**
13:00 (Maqsood)

Lunch Break

- 14:30- **Probabilistic tsunami hazard assessment in the Mediterranean**
15:15 (Sørensen)
- 15:15- **Remote sensing and GIS contribution to the detection areas prone to tsunami hazard**
16:00 (Theilen-Willige)

Tea Break

- 16:30- **Towards early warning: Sensor integration and the role of the service bus concept**
17:00 (Häner)
- 17:00- **Wrap-up, general discussion and closing**
17:30 (Schwarz, Grünthal)

Organisation

G. Grünthal

GFZ Potsdam
Section 2.6
“Seismic Hazard and Stress Field”



in cooperation with

J. Schwarz

Bauhaus-Universität Weimar
EDAC
Earthquake Damage Analysis Center



The German Academic Exchange Service (DAAD) grants scholarships to admit applicants of the Master course NHMSE within the programme "Postgraduate Courses for Professionals with Relevance to Developing Countries".