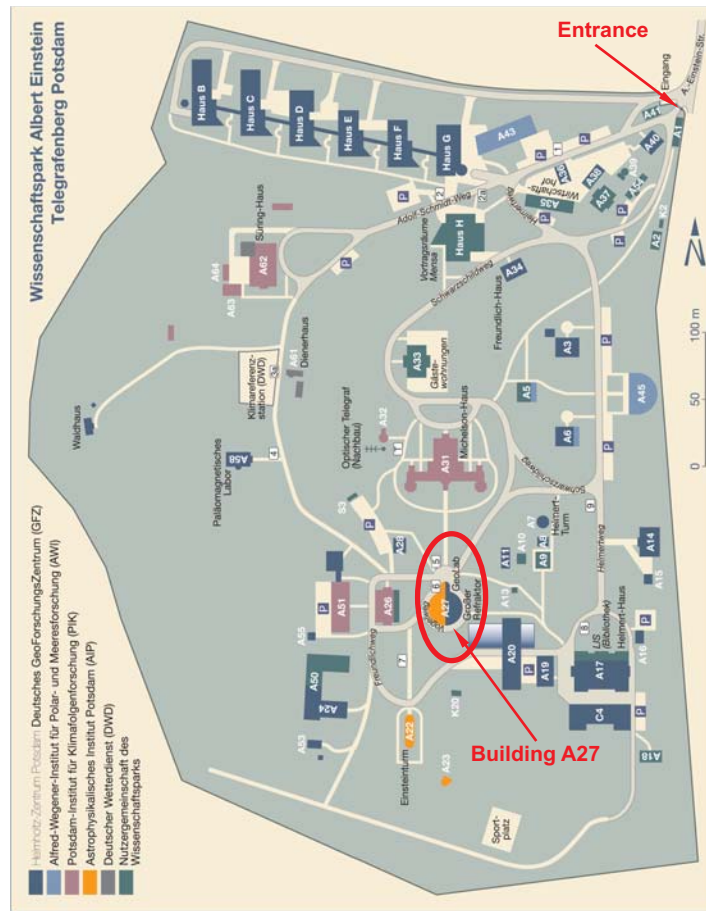




How to get to the GFZ

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 location

at the building **A27**
(Großer Refraktor)

Excursion and Lectures

in the frame of the
International Msc. Program

Summer term 2012

Workshop No. 8:

***"Natural Hazards and Risks
in Structural Engineering"***

at the GFZ Potsdam

6-7 June 2012

Bauhaus-Universität Weimar



in cooperation with

GFZ

Helmholtz Centre
POTSDAM

Workshop

“Natural Hazards and Risks in Structural Engineering”

6 June 2012

11:30- 12:30 **Walking introduction to the campus area Telegrafenberg**
(A. Küppers)

Lunch break

13:15- 14:00 **NHRE Lecture “Statistics II”**
(G. Grünthal)

14:00- 15:00 **Presentation of the results achieved in the project “Azure II” (student’s NHRE)**

Tea break

15:20- 17:00 **Continuation**

7 June 2012

09:20- 09:30 **Opening**
(G. Grünthal)

09:30- 10:15 **GEOFON - Global seismic monitoring and tsunami warning**
(W. Hanka)

10:30- 11:15 **Introduction to data processing in strong motion seismology**
(D. Bindi)

11:30- 12:15 **The World Stress Map: Crustal stresses in applications in industry and academia**
(O. Heidbach)

12:30- 13:15 **The application of remote sensing in the context of seismic vulnerability assessment**
(M. Wieland)

Lunch break

14:15- 15:00 **HSE risks of geological CO₂ storage - assessment and mitigation**
(Th. Kempka)

15:15- 16:00 **Enhanced Geothermal Systems**
(D. Bruhn)

16:15- 17:00 **Flood Hazard and Risk**
(S. Vorogushyn)

17:00- 17:30 **Wrap-up, general discussion and closing**
(J. Schwarz / G. Grünthal)

Organisation

G. Grünthal

GFZ Potsdam
Section 2.6
“Seismic Hazard and Stress Field”



in cooperation with

J. Schwarz

Bauhaus-Universität Weimar
Earthquake Damage Analysis Center



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