

MONDAY, 24 SEP 2012

9⁰⁰ Registration

10⁰⁰ Welcome

Bdg. H Lecture Room

Reinhard Hüttl (GFZ, Speaker Geo.X)
Hildegard Gödde (GFZ, Geo.X Coordinator)
Manfred Strecker (UP, PROGRESS),
Magdalena Scheck-Wenderoth (GFZ, GeoEN)
Stephan van Gasselt (FU Berlin, Planetary Sciences)

11⁰⁰ Coffee Break and Session Organisation

11³⁰ Geology of the Inner Planets

GeoLab Lecture
Room, Bdg. A27

Thomas Platz (FU Berlin)

13⁰⁰ Lunch

14⁰⁰ Tour to the Telegrafenberg and the Great-Refractor Telescope

15³⁰ Outer Solar System and Icy Moons

GeoLab Lecture
Room, Bdg. A27

Nico Schmedemann (FU Berlin), Roland Wagner (DLR)

16³⁰ Saturn System Observation and Mission Planning

GeoLab Lecture
Room, Bdg. A27

Tilmann Denk (FU Berlin)

17³⁰ The Galilean Satellites: Diverse Targets for Future Exploration of the Jupiter System

GeoLab Lecture
Room, Bdg. A27

Hauke Hussmann (DLR)

18¹⁵ End of Sessions and Adjourn

TUESDAY, 25 SEP 2012

9⁰⁰ **Volcanism in the Solar System**

Ralf Jaumann (DLR/FU Berlin)

Bdg. H Lecture Room

10⁰⁰ **Endogenic Processes on the Terrestrial Planets**

Ernst Hauber (DLR)

Bdg. H Lecture Room

11³⁰ **Coffee Break**

12⁰⁰ **Modeling Solid-State Convection in Earth and Terrestrial Planets**

Nicola Tosi (TU Berlin/DLR)

Bdg. H Lecture Room

13⁰⁰ **Lunch**

13⁴⁵ **Exoplanets**

Ruth Titz-Weider (DLR/TU Berlin)

Bdg. H Lecture Room

15⁰⁰ **Exobiology**

Alessandro Airo (FU Berlin)

Bdg. H Lecture Room

16⁰⁰ **Coffee Break**

16¹⁵ **Planetary Geodesy**

Konrad Willner (TU Berlin)

Bdg. H Lecture Room

17¹⁵ **Planetary Cartography**

Andrea Nass (UP/DLR)

Bdg. H Lecture Room

18⁰⁰ **End of Sessions**

Summer School BBQ and Group Photo

WEDNESDAY, 26 SEP 2012

9⁰⁰ Planetary Evolution and Life
Tilman Spohn (DLR)

GeoLab Lecture Room,
Bdg. A27

10⁰⁰ Planetary Data I
Sebastian Walter (FU Berlin)

GeoLab Computer Pool,
Bdg. A27

11³⁰ Coffee Break

11⁴⁵ Planetary Data II
Sebastian Walter (FU Berlin)

GeoLab Computer Pool,
Bdg. A27

13⁰⁰ Lunch

Meeting at entrance to mineral exhibition
Summer-School badges are required for free entry.

14⁵⁰ Museum für Naturkunde, Berlin*

**15⁰⁰ Introduction to Impact-Crater Dynamics under
Consideration of Impact Physics**
Dirk Elbeshausen (MfN)

MfN MinBib

**15⁴⁵ Introduction to Shock-Metamorphism and
the Petrography of Impactites**
Wolf Uwe Reimold (MfN)

MfN MinBib

16³⁰ Short Break

17⁰⁰ Guided Tour: Meteorite Collection
Ansgar Greshake (MfN)

Guided Tour: Instruments and Laboratory Facilities
Lutz Hecht (MfN)

18⁰⁰ End of Sessions

*Self-organised trip with S-Bahn and U-Bahn. See attached itinerary and plan ahead for a trip of at least 70 minutes.
If you need a Berlin-Potsdam public-transport ticket (ABC tariff), please contact staff.

THURSDAY, 27 SEP 2012

9⁰⁰ Lecture Room, GFZ
**Earth-Oriented
Remote Sensing
Methods**
H. Kaufmann (GFZ)

11⁰⁰ Coffee Break

11³⁰ Lecture Room, GFZ
**Planetary Remote
Sensing**
S. van Gasselt (FU Berlin)

13⁰⁰ Lunch

11⁰⁰ 3D Lab, UP
Group #1
Individual Arrival

14⁰⁰ GeoLab, GFZ
**SIMS
Short Course
Part I**
M. Wiedenbeck
(GFZ)

14⁰⁰ 3D Lab, UP
Group #2
Bus Transfer

15⁰⁰ 3D Lab, UP
Group #3
Bus Transfer

16⁰⁰ 3D Lab, UP
Group #4
Bus Transfer

17⁰⁰ 3D Lab, UP
Group #5
Individual Arrival

18⁰⁰ 3D Lab, UP
Group #6
Individual Arrival

19⁰⁰ End of Sessions



**PLANETARY
SCIENCES**
SUMMER SCHOOL 2012

AGENDA
JOINT PROGRAMME

FRIDAY, 28 SEP 2012

9⁰⁰ Lecture Room, GFZ
**Dates and Rates of
Terrestrial Earth
Surface Processes**
F. von Blanckenburg
(GFZ/FU Berlin)

9⁰⁰ GeoLab, GFZ
**SIMS Short
Course
Part 2**
M. Wiedenbeck (GFZ)

11⁰⁰ Coffee Break

11³⁰ Lecture Room, GFZ
**Age Dating of
Extraterrestrial
Surfaces**
T. Platz (FU Berlin)

13⁰⁰ Lunch

14³⁰ Closing Remarks and Feedback, Certificates
H. Gödde (GFZ, Geo.X Coordinator)

14³⁰ End of Summer School