

Gfg2 Summer School Timetable:

Sunday 30th June 2013: Arrival

16:00 to 18:00	Registration, Allocation of accommodation		Beckheinrich
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Monday 1th July 2013: Introduction and fundamentals of GNSS remote sensing

09:00	Welcome Background to Gfg2 project/Logistics		Puig-Centelles Schuh/Wickert/
09:30	Keynote Speech: GNSS for Earth Observation		Larson
10:00	Introduction and overview on ground and space GNSS remote sensing		Elgered/Wickert
11:00	Break	Refreshments and posters	
11:30	Space Geodesy for GNSS remote sensing		Larson
12:30	GPS signal structure and how receivers work		Garrison
13:30	Lunch		
14:30	Satellite orbit determination		Jäggi
15:30	Break		
15:45 to 17:30	Practical session (four sub-groups in parallel), GNSS Reflectometry, Geocaching at the Telegrafenberg, GNSS web portal soil moisture, GNSS and relativity		Semmling/Egido/Beckheinrich/ Larson/Ramatschi/Beyerle/Vey
19:00	Steam boat "Gustav" trip with barbecue		Beckheinrich

Tuesday 2th July 2013: Techniques of GNSS remote sensing

09:00	Ground based GNSS meteorology		Guerova
10:00	GNSS Water vapor Tomography		Bender
11:00	Break	Refreshments and posters	
11:30	Space based GNSS data (RO) and climate		Kirchengast
12:30	History of GNSS reflectometry		Martin-Neira
13:30	Lunch		
14:30	GNSS reflectometry for land surface properties		Larson
15:30	Break		
15.45 to 17.00	Practical session (four sub-groups in parallel), GNSS Reflectometry, Geocaching at the Telegrafenberg, GNSS web portal soil moisture, GNSS and relativity		Semmling/Egido/Beckheinrich/ Larson/Ramatschi/Beyerle/Vey
18.30	Dinner, Grill party at GFZ Campus		

Wednesday 3th July 2013: Applications of GNSS remote sensing

9:00	Applications of GNSS Reflectometry for remote sensing of Ocean/Ice surfaces and recent satellite missions		Garrison
10:00	GNSS and Weather forecast	Refreshments	Jones
11:00	Break		
11:30	GNSS for Ionosphere and Space Weather research		Jakowski
12:30	Lunch		
14:00	End of Summer School		