



Technische Universität München

ESPACE

MSc in Earth Oriented Space
Science and Technology

Prof. Dr.-Ing. Florian Seitz

20.04.2011

ESPACE Seminar 2011

Time table:

Date	Topic	Candidate	Supervisor
Thu, 26.05.11 15.00 h	The evolution of Synthetic Aperture Radar systems: From SEASAT to Tandem-X	Abu Taher	Auer
	Global in-situ ocean observation with 3000 free-drifting floats: Goals, principles and scientific impact of the ARGO project	Gisinger	Seitz
Tue, 31.05.11 15.00 h	Satellite altimetry: Spatial and temporal resolution by past, current and future multi-mission scenarios	Davalos	Bosch
	How precise do we know ocean tides on global scale?	Sathe	Bosch
Thu, 09.06.11 15.00 h	Melting of Greenland and Antarctic ice sheets as observed by GRACE	Spiridonova	Seitz
	The Japanese regional satellite navigation system QZSS	Allende	Hugentobler
Thu, 16.06.11 15.00 h	The influence of the aerodynamic drag on space-crafts using the example of the ISS	Cardenas	Rott
	On orbit servicing	Gonzales	Rott
Tue, 21.06.11 15.00 h	Space Shuttle: The launching phase	Gosh	Rott
	Ring laser for geodetic applications: Sensor characteristics and challenges	Shazhad	Schreiber
Thu, 14.07.11 15.00 h	Data sources and accuracies for atmospheric delay correction of radar signals	Erencia	Eineder
	Technical concepts and regulations for the communication with spacecrafts	Pimento	Reiniger

Tue, 19.07.11 15.00 h	Variations of Earth rotation caused by El Nino	Manninen	Seitz
	Measuring space weather	Bueno	Hugentobler
Thu, 21.07.11 15.00 h	Airborne SAR systems	Talay	Schmitt
	The challenge of SAR and optical image coregistration in urban areas	Kang	Schmitt
Thu, 28.07.11 15.00 h	<i>(Date kept in reserve)</i>		

The seminar will take place in Room 2609