

	Monday	Tuesday	Wednesday	Thursday	Friday
	Introduction to Gravity Field Recovery	Gravity Field Recovery from Space	Relativistic Geodesy	Terrestrial Gravimetry	Keynotes: Applications and Future Missions
09:00 – 10:30	10:00 Registration	Orbit modelling, Multi-purpose space mission simulator <i>(Dr.-Ing. Florian Wöske)</i>	Theory of relativity and how to apply in Geodesy <i>(PD Dr. Eva Hackmann)</i>	Introduction to classic gravimetry (incl. application example) <i>(Dr.-Ing. Manuel Schilling)</i>	Earth observation of tipping points <i>(Dr. Sina Loriani, PIK)</i>
10:30 – 10:50	Welcome and introduction to TerraQ	Coffee break			Water cycle and climate applications from GRACE-FO <i>(Prof. Dr.-Ing Annette Eicker, HCU)</i>
10:50 – 12:20	Fundamentals of gravity field modelling and recovery of gravity field <i>(Dr. Matthias Weigelt)</i>	Introduction to GRACE-FO and interferometry <i>(Dr. Vitali Müller)</i>	Introduction to atomic clocks <i>(PD Dr. Christian Lisdat)</i>	Exercise with gravimeter <i>(Dr.-Ing. Manuel Schilling)</i>	Coffee break
12:20 – 14:00	Lunch				Farewell
14:00 – 15:30	Exercise on gravity field recovery <i>(Dr. Matthias Weigelt)</i>	Introduction to GRACE-FO data processing <i>(Prof. Dr.-Ing. Torsten Mayer-Gürr)</i>	Physical height systems <i>(Prof. Dr.-Ing. Jürgen Müller)</i>	Introduction to BEC, Introduction to VLBAI <i>(Dr. Dennis Schlippert)</i>	
15:30 – 15:50	Coffee break				
15:50 – 17:20	Postersession	Exercise on data processing in combination with XHPS <i>(Prof. Dr.-Ing. Torsten Mayer-Gürr & Dr.-Ing. Florian Wöske)</i>	Exercise on height computation <i>(Annike Knabe, M.Sc.)</i>	Introduction to QG-1 <i>(Dr. Waldemar Herr)</i>	
				Labtour HITec <i>(Dr. Dennis Schlippert & Dr. Waldemar Herr)</i>	
17:20 – 18:00	Nordstadttour	Banquet dinner	Freetime		
18:00					