

Monday 09.09.2019		
11:00	Registration	
Until 14:00	Lunch	
14:00 – 15:30	Robert Sausen, DLR	Welcome, House-Keeping Introduction to Earth System Modelling
15:30	Coffee Break	
16:00- 17:30	Sabine Brinkop, DLR	Modelling of atmospheric dynamics (dynamic cores)
	Ice Breaker	
18:30	Dinner	

Tuesday 10.09.2019		
09:00-10:30		
	Peter Braesicke, KIT	Physical processes in the atmosphere
10:30-11:00		
Coffee Break		
11:00-12:30		
	Rolf Müller, FZJ	Atmospheric chemistry
12:30-14:00		
Lunch Break		
14:00-15:30		
	Dirk Pleiter, FZJ	Introductions to High Performance Computing
15:30-16:00		
Coffee Break		
16:00-17:30		
	Stefan Kollet, FZJ	Terrestrial modelling
18:30		
Dinner		
20:00		
Poster Session I		

Wednesday 11.09.2019		
09:00-10:30		
09:00-10:30	Arne Biastoch, GEOMAR	Ocean general circulation modelling
10:30-11:00		
10:30-11:00	Coffee Break	
11:00-12:30		
11:00-12:30	Joanna Staneva, HZG	Wave modelling and coupling of waves with ocean and atmosphere models
12:30-14:00		
12:30-14:00	Lunch Break	
14:00-15:30		
14:00-15:30	Nadine Wieters, AWI	Hands-on seminar: Mini-cluster I
15:30-16:00		
15:30-16:00	Coffee Break	
16:00-17:30		
16:00-17:30	Thomas Kleiner, AWI	Modelling of ice sheets and glaciers
18:30		
18:30	Dinner	

Thursday 12.09.2019		
09:00-10:30	David Martín Belda, KIT	Land biosphere modelling
10:30-11:00	Coffee Break	
11:00-12:30	Judith Hauck, AWI	Marine biogeochemical modelling
12:30-14:00	Lunch Break	
14:00-15:30	Nadine Wieters, AWI	Hands-on seminar: Mini-cluster II
15:30-16:00	Coffee Break	
16:00-17:30	Mattia Righi, DLR	Atmospheric aerosol and aerosol cloud interactions
18:30	Dinner	
20:00	Poster Session II	

Friday 13.09.2019		
09:00-10:30	Oliver Heidbach, GFZ Volker Klemann, GFZ	Natural and anthropogenic solid Earth deformation processes across scales Sub- to interannual deformations and sea-level change from surface mass redistribution
10:30-11:00	Coffee Break	
11:00-12:30	Volker Klemann, GFZ	Hands-on seminar: Solving the sea-level equation
12:30-14:00	Lunch Break	
14:00-15:30	Mariano Mertens	Hands-on seminar: Exercises on parallelization
15:30-16:00	Coffee Break	
16:00-17:30	Peter Bauer, ECMWF	Extreme scale computing
18:30	Dinner	

Saturday 14.09.2019		
Chair:		
09:00-10:30	Patrick Jöckel, DLR	Coupling of Earth system components
10:30-11:00	Coffee Break	
11:00-12:30	Thomas Jung, AWI	High resolution modelling in ESM
13:00 - 19:00	Visit Kampenwand (packed Lunch)	
19:00	Dinner	
Sunday 15.09.2019		
08:30 – 19:30	Visit Saltmine Berchtesgarden and Salzburg Lunch in Salzburg (Drinks are paid by yourself)	
19:30	Dinner	

Monday 16.09.2019		
09:00-10:30		
	Daniela Jacob, HZG	Challenges for regional climate modelling
10:30-11:00		
	Coffee Break	
11:00-12:30		
	Emil Stanev, HZG	Coastal ocean modelling
12:30-14:00		
	Lunch Break	
14:00-15:30		
	Nadine Wieters, AWI	Hands-on seminar: Version control
15:30-16:00		
	Coffee Break	
16:00-17:30		
	Lars Nerger, AWI	Methodology of data assimilation
18:30		
	Dinner	

Tuesday 17.09.2019		
09:00-10:30	Hendrik Elbern, FZJ	Data assimilation and Inverse modelling in atmospheric chemistry
10:30-11:00	Coffee Break	
11:00-12:30	Bastian Kern, DLR	On-line diagnostics
12:30-14:00	Lunch Break	
14:00-15:30	Jan Saynisch, GFZ, tbc	Hands-on seminar: Variational data assimilation
15:30-16:00	Coffee Break	
16:00-17:30	Mojib Latif, GEOMAR	Climate variability and predictability, current status of IPCC simulations
18:30	Dinner	

Wednesday 18.09.2019		
09:00-10:30		
	Luisa Cristini, AWI	Project management
10:30-11:00		
Coffee Break		
11:00-12:30		
	Mariano Mertens, DLR	Transport and climate
12:30-14:00		
Lunch Break		
14:00-15:30		
	Axel Lauer, DLR	Post processing and data analysis
15:30-16:00		
Coffee Break		
16:00-17:30		
	Jennifer Schröter, KIT	Sensitivities in atmospheric models: time slice vs. transient simulations
18:30		
Dinner		
20:00		
Social Event		

Thursday 19.09.2019		
09:00-10:30	Thomas Fischer/ Lennart Schüler, UFZ	Data Assimilation and HPC concepts for THM processes
10:30-11:00	Coffee Break	
11:00-12:30	Robert Sausen, DLR	Closing remarks / Wrap – Up
12:30-14:00	Lunch Break	
14:00	Departure	