



# General Assembly 2018

12-14 September 2018  
 UFZ Campus — Permoserstrasse 15, 04318 Leipzig, Germany

## Wednesday 12 September 2018

Time	Session	Room	Chair
14:00 – 16:00	<b>Task Team meetings:</b>		
	Enhanced Earth system compartments—Atmospheric systems	Building 1.0/Room 360	Peter Braesicke
	Coupling of Earth System compartments	Building 1.0/Room 255	Patrick Jöckel
	ESM Summer School 2019 organisation	Building 1.0/Room 361	Robert Sausen
16:00 – 18:00	<b>Steering Group preparatory meeting</b>	Building 7.1/Room 301	Thomas Jung
19:00	Steering Group no-host dinner	no.50 Restaurant in Suite Hotel Leipzig	

## Thursday 13 September 2018

Time	Session	Room	Chair
08:30 – 9:00	Check in	KUBUS/Foyer	Luisa Cristini
9:00 – 9:45	<b>Openings and background</b>	KUBUS/Hall 1AB	Robert Sausen
	<ul style="list-style-type: none"> <li>▪ Welcome and purpose of the Assembly by ESM Coordinator (T. Jung, 5')</li> <li>▪ Welcome by UFZ (G. Teutsch, 5')</li> <li>▪ Local arrangements (O. Kolditz, 5')</li> <li>▪ Introduction to ESM (T. Jung, 30')</li> </ul>		
9:45 – 10:15	Coffee break with posters	KUBUS/Foyer	
10:15 – 12:15	<b>Science Session 1 (10' + 5' each)</b>	KUBUS/Hall 1AB	Sabine Attinger
	<ol style="list-style-type: none"> <li>1. Dirk Barbi (AWI): Overview of ESM-Tools</li> <li>2. Jan Harlaß (GEOMAR): High resolution ocean nesting within a flexible model infrastructure</li> <li>3. Dana Ehlert (GEOMAR): Marine biogeochemistry in the Flexible Ocean and Climate Infrastructure (FOCI)</li> <li>4. Mattia Righi (DLR): Global modeling of aerosol and aerosol cloud interactions with EMAC (MADE3)</li> <li>5. Sabine Brinkop (DLR): "Global Lagrangian Modelling" with EMAC</li> <li>6. Joanna Staneva/Corinna Schrum (HZG) GCOAST Model System: coupling of ocean and atmosphere through a dynamic wave interface</li> <li>7. Anika Rhode (KIT): Effects of snow albedo change induced by aerosol deposition</li> <li>8. Jennifer Schröter (KIT): Across scales: Modelling of the interactions between physics and atmospheric composition with ICON-ART.</li> </ol>		
12:15 – 13:15	Lunch	KUBUS/Foyer	

13:15 – 13:45	<b>Infrastructure at Jülich Supercomputing Centre (JSC)</b> 1. Norbert Attig (FZJ): The ESM partition of the Tier-0/1 Supercomputer JUWELS in Jülich 2. Dorian Krause (FZJ): JSC HPC and data storage infrastructure	KUBUS/Hall 1AB	
13:45 – 15:15	<b>Breakout Groups Round 1</b> Frontier simulations Data and HPC National Strategy Coupling of Earth System model compartments Communication and outreach	KUBUS/Hall 1AB Building 1.0/Room 255 Building 1.0/Room 360 Building 1.0/Room 053 Building 1.0/Room 361	Peter Braesicke Arne Biastoch Daniela Jacob Patrick Jöckel Luisa Cristini
15:15 – 15:45	Coffee break with posters	KUBUS/Foyer	
15:45 – 17:45	<b>Science Session 2 (10' + 5' each)</b> 1. Jan Saynisch (GFZ): Progress on Data Assimilation at GFZ 2. Qi Tang (AWI): Data Assimilation (PDAF) with AWI-CM1.4 3. Harrie-Jan Hendricks-Franssen (FZJ): Progress TerrSysMP-PDAF 4. Wei Chen (HZG): Progress on Data Assimilation at HZG 5. Lars Buntemeyer (GERICS): ESM activities at GERICS 6. Carina Furusho (FZJ): Results on the hydrometeorological extreme frontier simulations 7. Luis Samaniego (UFZ): Towards high resolution frontier simulations of extreme hydro-climatic events in Europe 8. Thomas Fisher (UFZ)/Mauro Cacace (GFZ): Towards frontier simulations of coupled processes in terrestrial/geosystems	KUBUS/Hall 1AB	Corinna Schrum
17:45 – 18:00	Health break		
18:00 – 19:00	<b>Evening lecture</b> Peter Bauer (ECMWF): ExtremeEarth project	KUBUS/Hall 1AB	Stefan Kollet
19:00	<b>Ice-breaker reception</b>	KUBUS/Foyer	

### Friday 14 September 2018

Time	Session	Room	Chair
9:00 – 10:30	<b>Breakout Groups Round 2</b> Frontier simulations Data and HPC National Strategy Coupling of Earth System model compartments Communication and outreach	KUBUS/Hall 1AB Building 1.0/Room 255 Building 1.0/Room 360 Building 1.0/Room 053 Building 1.0/Room 361	Peter Braesicke Arne Biastoch Daniela Jacob Patrick Jöckel Luisa Cristini
10:30 – 11:00	Coffee break with posters	KUBUS/Foyer	
11:00 – 12:00	<b>Reports from Breakout Groups</b> Short reports from the breakout groups and plenary discussion	KUBUS/Hall 1AB	Rolf Müller
12:00 – 12:30	<b>Closing</b> Wrap up, next steps and closure	KUBUS/Hall 1AB	Thomas Jung
12:30 – 13:30	Lunch	KUBUS/Foyer	
13:30 – 15:30	<b>Steering Group meeting</b> (for SG members only)	KUBUS/Hall 1AB	Thomas Jung

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