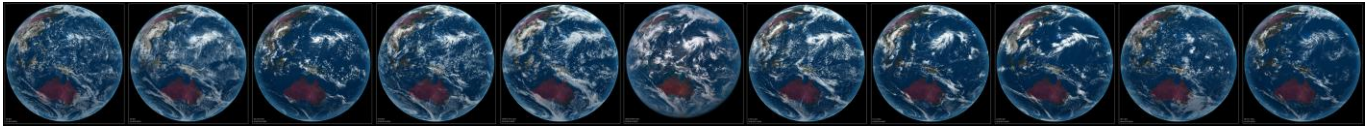


2nd DYAMOND-ESiWACE Hackathon

When? Wednesday, 19 June 2019 – Friday, 21 June 2019
 Where? Atrium Hotel, Flugplatzstr. 44, 55126 Mainz, Germany

Wednesday, 19 June 2019

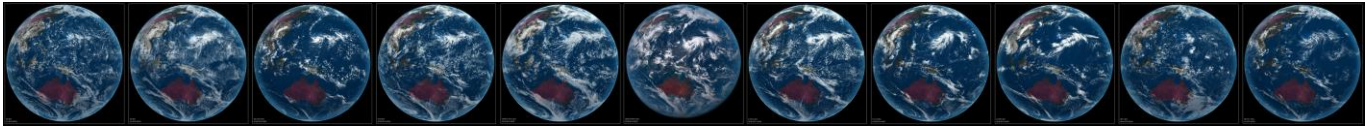
09:00	Opening and Welcome	Joachim Biercamp (DKRZ)
09:15	Talks <i>Chair: Joachim Biercamp (DKRZ)</i>	
09:15	Global Non-Hydrostatic Modelling – A Brief Synopsis of Important Results and Outstanding Questions	Masaki Satoh (Univ Tokyo)
09:45	ESiWACE, High-Resolution Demonstrators and Scalability	Philipp Neumann (DKRZ)
10:00	Scientific Visualisation for High-Resolution Models	Niklas Röber (DKRZ)
10:30	Coffee Break (30 minutes)	
11:00	The DYAMOND Models: Data and Parametrisations <i>Chair: Philipp Neumann (DKRZ)</i>	
11:00	ICON	Daniel Klocke (DWD)
11:30	NICAM	Ryosuke Shibuya (JAMSTEC)
12:00	MPAS	Falko Judt (UCAR)
12:30	GEOS	William Putman (NASA)
13:00	Lunch Break (60 minutes)	
14:00	The DYAMOND Models: Data and Parametrisations <i>Chair: Daniel Klocke (DWD)</i>	
14:00	FV3	Xi Chen (Princeton Univ)
14:30	IFS	Nils Wedi (ECMWF)
15:00	SAM	Marat Khairoutdinov (Stony Brook Univ), David Wei (Harvard Univ)
15:30	Coffee Break (30 minutes)	



16:00	Talks	<i>Chair: Masaki Satoh (Univ Tokyo)</i>
16:00	Meteorology and the Project LOWAIN (Low Arithmetic Intensity specific architectures)	Ludek Kucera (Charles Univ)
16:30	CDO/Python Processing on Mistral	Ralf Müller (DKRZ)
17:00	Mini Break (15 minutes)	
17:15	Short Talks	<i>Chair: Philipp Neumann (DKRZ)</i>
17:15	The DYAMOND Project	Björn Stevens (MPI-M)
17:30	Outcomes and Analyses of the 1 st DYAMOND Hackathon	Daniel Klocke (DWD)
17:45	Current Status of the Ocean-Coupled NICAM (NICOCO)	Tomoki Miyakawa (Univ Tokyo)
18:00	Evaluations of cloud and precipitation using a satellite simulator	Woosub Roh (Univ Tokyo)
18:15	To improve accuracy of weather and climate models via a reduction of precision	Peter Düben (ECMWF)
18:30	Closing	
19:30	Joint dinner at Atrium Hotel	

Thursday, 20 June 2019

09:00	Science Case and Hackathon Topics	
09:00	Introduction of Participants: 2min (max.) per person on background and hackathon goals	All <i>Chair: Philipp Neumann (DKRZ)</i>
10:00	Overview of JMSJ Special Issue and Proposed Contributions	Daniel Klocke (DWD)
10:30	Discussion and Synchronisation of Existing/Additional Topics and Team Building	All <i>Chair: Björn Stevens (MPI-M)</i>
10:55	Group Photograph	
11:00	Coffee Break (30 minutes)	
11:30	Hackathon	
13:00	Lunch Break (60 minutes)	
14:00	Hackathon	



16:00	Coffee Break (30 minutes)
16:30	Hackathon 19:00 Evening Snacks 22:00 Revitalising Soup 😊
	Open End

Friday, 21 June 2019

10:30	Coffee Break (30 minutes)	
11:00	Conclusions and Summary	
11:00	Teamwise Summary of Hackathon Outcomes	All <i>Chair: Björn Stevens (MPI-M)</i>
13:00	Lunch Break (60 minutes)	
14:00	Closing	



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