



**37th Session of the
Working Group on Numerical Experimentation (WGNE)**

8-10 November 2022

NCAR, Boulder, CO, USA

Agenda v9

Notes:

- This meeting will be joint with WGCM
- Joint sessions at the start of Tuesday and then on Wednesday.
- Remote talks clearly marked. Otherwise, in person.

DAY 1	Tuesday 8 Nov Morning (Joint with WGCM before the break)
	Welcome and Program Updates
08:30	<i>Check-in and Connection Check for Remote Participants</i>
09:00	Welcome and introduction (WGNE/WGCM Co-Chairs)
09:05	Information from Local Organizers
	Session Chair: Carolyn Reynolds
09:15	ESMO Update (Cath Senior)
09:40	SPARC update (Karen Rosenlof)
10:00	WWRP Update (Chris Davis)
10:15	GAW update (Greg Carmichael) – <i>remote presentation</i>
10:30	<i>Break</i>
	Session Chair: Mike Ek
11:00	Scale separation diagnostics and the Symmetric Bounded Efficiency for the inter-comparison of precipitation reanalyses (Barbara Casati)
11:20	Multi-physics ensembles for operational weather-event attribution (Francois Englebrecht)
11:40	Outcomes of the model uncertainty meeting (Ron McTaggart-Cowan) – <i>remote presentation</i>
12:00	<i>Lunch</i>

DAY 1	Tuesday 8 Nov Afternoon (WGNE only)
	Updates from partner/collaborative groups
13:20	<i>CONNECTION CHECK</i>
	Session Chair: Charlotte DeMott
13:30	Update on DIMOSIC (Linus Magnusson) – <i>remote presentation</i>
13:50	Member survey on ensemble design (Carolyn Reynolds)
14:10	Update on Aerosol Project (Ariane Frassoni)
14:30	Report on the 6 th systematic errors workshop (Nild Wedi)
15:00	<i>Break</i>
	Session Chair: Fanglin Yang
15:30	Paris Olympics WWRP project (Chris Davis)
15:50	Update on Surface Flux Project/MJO MIP (Charlotte DeMott)
16:10	TC Verification and initialization overview (Masashi Ujiie) – <i>remote presentation</i>
16:30	Update from DAOS (Lili Lei) – <i>remote presentation</i>
16:50	Wrap-up
17:00	<i>END OF DAY 1</i>

DAY 2	Wednesday 9 Nov Morning (Joint with WGCM)
	Updates of interest to both groups
08:45	<i>Connection Check for Remote Participants</i>
	Session Chair: Nils Wedi
09:00	MJO-TF update (Charlotte Demott)
09:20	GASS Update (Daniel Klocke) – <i>remote presentation</i>
09:40	GLASS update (Mike Ek)
10:00	Discussion on potential collaboration (GASS/GLASS/MJO-TF)
10:30	<i>Break</i>
	Session Chair: Francois Engelbrecht
11:00	RB update (Amanda Lynch) – <i>remote presentation</i>
11:20	JWGFVR: Updates and future plans (Barbara Casati)
11:40	Discussion on WGNE-WGCM common interests and potential leveraging related to verification.
12:00	<i>Lunch</i>

DAY 2	Wednesday 9 Nov Afternoon (Joint with WGCM)
	Updates of interest to both groups
13:20	<i>CONNECTION CHECK</i>
	Session Chair: Greg Flato
13:30	CliC Update (Helene Seroussi) – <i>remote presentation</i>
13:50	S2S Update (Fredric Vitart) – <i>remote presentation</i>
14:10	Model Uncertainty-MIP (Romain Roehrig)
14:30	OMDP Update (Baylor Fox-Kemper) – <i>remote presentation</i>
14:50	CMIP6 Update (inc. Infrastructure) (Paul Durack)
15:10	<i>Break</i>
	Session Chair: Cath Senior
15:40	WCRP Safe Landing Climate (Bette Otto-Bliesner)
16:00	WCRP Digital Earths Lighthouse Activity (Andrew Gettelman)
16:20	Discussion on collaborations with WCRP Lighthouse Activities
16:50	Precipitation benchmarking (Jiwoo Lee) – <i>remote presentation</i>
17:10	WCRP Global Precipitation Experiment-GPEX (Xubin Zeng) - <i>remote presentation</i>
17:30	<i>END OF DAY 2</i>

DAY 3	Thursday 10 Nov Morning (WGNE only)
	Science presentations from members
08:30	<i>Check-in and Connection Check for Remote Participants</i>
	Session Chair: Peter Lauritzen
09:00	Astakhova, Engelbrecht, Zangl, Roehrig, Gram, Wedi, Frassoni (10 minutes each + 5 minutes for discussion)
10:15	<i>Break</i>
	Session Chair: Barbara Casati
10:45	Yang, Lauritzen, McTaggart-Cowan, Reynolds, Alves, Ujiie, Sun (10 minutes each +5 minutes for discussion)
12:00	<i>Lunch</i>

DAY 3	Thursday 10 November Afternoon (WGNE only)
	Science Presentations from Members
13:20	<i>CONNECTION CHECK</i>
	Session Chair: Ariane Frassoni
13:30	Member survey of ML/AI uses for model development (Fanglin Yang)
13:50	Member survey on Next-gen/Exascale Computing (Nils Wedi)
14:30	Discussion on potential future efforts
15:00	<i>Break</i>
	Session Chair: Carolyn Reynolds
15:30	Update on S-GDPFS (Francois Englebrecht)
15:50	Fixing Biases For Good - The Long, Difficult, and Rewarding Task of Improving km-Scale Climate Models (Andreas Prein)
16:10	Discussion on next WGNE meeting
16:20	Action Item Summary and Wrap-up
17:00	<i>END OF Meeting</i>