

WGNE40 Annual Meeting

Draft Agenda

3-7 November 2025

Location: Beijing, China

Zoom link:

[https://eu02web.zoom-x.de/j/62194513804?pwd=ulFWPwCiX6thHHaPa
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aNq4o5ardcb72.1)

Day 1 – Monday 3 November	
9.00-12.30	Travel incoming time
12:45-13:30	Registration + Welcome Coffee
13:30-17.30	Session I Hosting institution welcome + introduction to meeting topics
17:30-19:30	Icebreaker
Day 2 - Tuesday 4 November	
9.00-12.30	Session II Center Updates
12:10-13:10	Lunch
13:10-15:20	Session II Center Updates
15:20-17.40	Session III WGNE and partner activities
Day 3 - Wednesday 5 November	
9.00-12.10	Session III WGNE and partner activities
12:10-13:00	Lunch
13:10-17.30	Group excursion sightseeing
Day 4 - Thursday 6 November	
9.00-12.20	Session IV

	AI/ML Activities
12:20-13:20	Lunch
13:20-15:30	Session V High resolution and Physics parameterisations
15:30-17:30	Session V CMA Activities
	Dinner
Day 5 - Friday 7 November	
9.00-12.30	Closing Session

Detailed Agenda:

Day 1 – Monday 3 November		
Time	Topic	Speaker
9.00-12.30	Travel incoming time	
12.45-13.30	Registration + Welcome Coffee	
13.30-17.30	Session I Hosting institution welcome + introduction to meeting topics, WGNE history (with former co-chairs)	
	Chair:	
13.30-13.45	Welcome by CMA	
13.45-14.15	ESMO activities	Fanny Adloff
14.15-14.35	Research Board Activities	Ariane Frassoni
14.35-14.55	History of WGNE	Ariane/Tim
14.55-15.25	Break	
15.25-16.25	Lightning talks by former co-chairs on their highlights from WGNE	
	15.25-15.45	Christian Jakob
	15.45-16.05	Nils Wedi
	16.05-16.25	Keith Williams
16.25-16.45	WIPPS update	David Richardson
16.45-17.05	GAW update	TBD
17.05-17.30	WWRP update	Shipra Jain
17.30-19.30	Icebreaker?	

Day 2 – Tuesday 4 November		
09.00-17.30	Session II Center Updates	
	Chair:	
09.00-09.20	NCEP	Fanglin Yang (8PM EST)
09.20-09.40	ECCC	Ron McTaggart-Cowan (8:20 PM EST)

09:40-10:00	CMA	Xingliang Li
10:00-10:20	IITM	Ankur Srivastava
10:20-10:50	<i>Break</i>	
10:50-11:10	CSIR	Jacob Mohau Mateyisi
11:10-11:30	UK Met Office	Tim Graham
11:30-11:50	Météo-France	Romain Roehrig
11:50-12:10	ECMWF	Inna Polichtchouk
12:10-13:10	<i>Lunch</i>	
13:10-13:30	DWD	Martin Köhler
13:30-13:50	NSF NCAR	Peter Lauritzen
13:50-14:10	KIAPS	Eun-Hee Lee
14:10-14:30	JMA	Masashi Ujiie
14:30-14:50	INPE	Ariane Frassoni
14:50-15:20	<i>Break</i>	
	Session III WGNE and partner activities	
	<i>Chair:</i>	
15:20-15:40	WGNE table	Martin Köhler
15:40-16:00	Ensemble Predictability Update	Tim Graham
16:00-16:20	WGNE Blue Book	Fanny Adloff/Bimo Niraula
16:20-16:40	Bias Correction Review	Inna Polichtchouk
16:40-17:00	Model Uncertainty Model Intercomparison Project	Hannah Christensen (8:40am GMT)
17:00-17:20	Update on GLASS/GEWEX	Volker Wulfmeyer (10:00am CET)
17:20-17:40	High Res at UK Met Office	Richard Jones (9:20am GMT)
17:40	<i>Close for day</i>	

Day 3 – Wednesday 5 November		
09.00-17.30	Session III WGNE and partner activities	

	<i>Chair:</i>	
09:00-09:20	JWGFVR activities + South America regional verification pilot project	Ramon de Elia (10pm GMT-3)
09:20-09:40	Ocean Initialisation Project	Baylor Fox-Kemper (8:20PM EST)
09:40-10:00	Physics Dynamics Coupling and Energy Budgets in Earth System Models	Peter Lauritzen/ Romain Roehrig
10:00-10:20	HPC/Exascale computing update	Sarat Sreepathi
10:20-10:50	Break	
10:50-11:10	EW4All survey	Ariane Frassoni
11:10-11:30	Update on GASS/GEWEX	Shaocheng Xie (7:10pm PST)
11:30-11:50	TC Verification and initialization overview	Masashi Ujiie
11:50-12:10	WCRP Digital Earths Lighthouse Activity (DE-LHA) Update	Andrew Gettelman (8:50PM MST)
12:10-13:10	Lunch and afternoon excursion	

Day 4 – Thursday 6 November		
09:00-12:20	Session IV AI/ML activities	
	<i>Chair:</i>	
09:00-09:20	AI/ML at ECMWF	Inna Polichtchouk
09:20-09:40	ACE2 update	Oliver Watt-Meyer (5:20pm PST)
09:40-10:00	WP-MIP Update	Ron McTaggart-Cowan (8:40pm EST)
10:00-10:20	Summary of JWGFVR workshop on AI verification	Barbara Casati (9:00pm EST)
10:20-10:50	Break	
10:50-11:05	AI Research Board Task Team	Catherine de Burgh-Day (1:50pm AEDT)
11:05-11:20	AI/ML at NCEP	Fanglin Yang (10:05pm EST)
11:20-11:35	AI/ML at UK Met Office	Tim Graham
11:35-11:50	AI/ML at IITM	Ankur Srivastava
11:50-12:05	AI/ML at DWD	Martin Köhler

12:05-12:20	Discussion	
12:20-13:20	Lunch	
13:20-15:00	Session V High resolution and Physics parameterisations	
	Chair:	
13:20-13:40	High Res at JMA	Masashi Ujiie
13:40-13:55	High Res at IITM	Ankur Srivastava
13:55-14:15		
14:15-14:30	AI/ML at Météo-France	Corentin Seznec (7:15am CET)
14:30-14:45	High Res at Météo-France	Sylvie Malardel (7:25am CET)
14:45-15:00	High Res at ECMWF	Benoit Vanniere (7:40am CET)
15:00-15:30	Break	
15:30-17:30	Session VI CMA activities and projects	
	Chair:	
15:30-15:55	Progress of CMA Reanalysis: From CRA-40 to the CMA-RA2 Suite	Lipeng Jiang (CMA)
15:55-16:20	The development of km-scale ocean general circulation model	Hailong Liu (Laoshan Laboratory)
16:20-16:45	C-Coupler3: an integrate couple infrastructure for Earth system modelling	Li Liu (Tsinghua University)
16:45-17:10	AI for Data Assimilation: progress and perspective	Wei Han (CMA)
17:10-17:30	Questions and Discussion	

Day 5 – Friday 5 November	
09.00-12.30	Closing Session
	Chair:
09:00-09:20	Key Learnings from the Eighth WMO International Workshop on Monsoons
	Review ideas for new projects/activities
	Review actions list

10:20-10:50	<i>Break</i>
10:50-12:20	Planning Systematic Error Workshop
	<i>Lunch</i>