**CMUG Integration Meeting Agenda Oct. 24-25,2022**

Time zone: Europe / Rome

All Sessions in Big Hall unless otherwise stated.

**Oct. 24, 2022**

**13:45 – 14:15:** Opening & Welcome | S Cheli, Director ESA EOP & S Mecklenburg, Head ESA Climate Office

**14:15 – 14:30:** Introduction from CMUG | Amy Doherty, CMUG Project Manager

**14:30 – 16:00:** Session 1a – Overview of CCI+ CMUG Phase 1 & Science and Technical Highlights:

* **14:30 – 14:45:** MOHC - \*Rob King
* **14:45 – 15:00:** MOHC - Richard Jones for Grace Redmond/Erasmo Buonomo
* **15:00 – 15:15:** IPSL – Frederique Cheruy
* **15:15 – 15:30:** Météo France – Jean-Christophe Calvet
* **15:30 – 15:45:** MOHC – \*David Ford
* **15:45 – 16:00:** MPI – Amy Doherty for Andreas Werneke

**16:00 – 16:30:** Afternoon Break

**16:30 – 17:45:** Session 1b – Overview of CCI+ CMUG Phase 1 & Science and Technical Highlights Continued:

* **16:30 – 16:45:** BSC – Pablo Ortega
* **16:45 – 17:00:** BSC – \*Enza Di Tomaso
* **17:00 – 17:15:** ECMWF – \*Angela Benedetti
* **17:15 – 17:30:** DLR – Axel Lauer
* **17:30 – 17:45:** STFC – Alison Waterfall

**17:45 - 18:00:** Wrap up of Day 1

**Oct. 25, 2022**

**9:30 – 11:15:** Session 2a – CCI+ CMUG Phase 2 Study Proposals:

* **9:30 – 10:00:** Phase 2 Proposal Overview – Richard Jones
* **10:00 – 10:15:** Obs4MIPs Phase 2 – Amy Doherty/Alison Waterfall
* **10:15 – 10:30:** ESMValTool Phase 2 – Axel Lauer
* **10:30 – 10:45:** Study 1 – machine learning, Lisa Bock
* **10:45 – 11:00:** Study 2 – veg/hydromet, Daniele Peano
* **11:00 – 11:15:** Study 3 – land surface, Jean-Christophe Calvet

**11:15 – 11:45:** Morning Break

**11:45 – 12:45:** Session 2b – CCI+ CMUG Phase 2 Study Proposals Continued:

* **11:45 – 12:00:** Study 4 – Ocean biogeochemistry, \*Eleftheria Exarchou
* **12:00 – 12:15:** Study 5 – cloud and aerosol, \*Angela Benedetti/Enza Di Tomaso
* **12:15 – 12:30:** Study 6 – snow dynamics, \*Catherine Ottle/Philippe Peylin
* **12:30 – 12:45:** Study 7 – high latitude/ice sheets, Ulrika Willen

**12:45 – 13:00:** Wrap up of Session 2 – Amy Doherty

**13:00 – 14:00:** Lunch Break

**14:00 – 15:30:** Session 3 – CCI+ CMUG Phase 2 Study break out discussion groups

Feedback from and discussion with ECV project science and CRG leads on Phase 2 studies

14:00-14:05 – Introduction – Amy Doherty (Big Hall)

14.05-14.45: Session 3a (leads and rapporteurs tbc)

* **Room G:** Land surface (J-C Calvet, Chair; TBC, Rapporteur)
* **Big Hall:** Machine learning (L. Bock, Chair; TBC, Rapporteur)
* **Room D:** Snow (\*C. Ottle, Chair; TBC, Rapporteur)
* **Room E:** Ocean biogeochemistry (P Ortega, Chair, TBC, Rapporteur)
* **FORCADA:** ESMValTool (A. Lauer, Chair, TBC, Rapporteur)

14:50: 15:30: Session 3b (leads and rapporteurs tbc)

* **Room D:** Veg/hydro (D. Peano, Chair, TBC, Rapporteur)
* **Big Hall:** Machine learning (L. Bock, Chair; TBC, Rapporteur)
* **Room E:** Ice sheets (Ulrika Willen, Chair, Shuting Yang, Rapporteur)
* **FORCADA:** Cloud/aerosol (P. Ortega, Chair, TBC Rapporteur)

**15:30 – 16:00:** Wrap up of Session 3 (Big Hall)

Feedback from breakout groups (5 minutes per rapporteur)

**16:00 – 16:30:** Afternoon Break

**16:30 – 17:45:** Session 4 CMUG interaction with CMIP-IPO, ESMO and CORDEX

* 16:30-16:40: Overview and Intro from CMIP-IPO – Eleanor O’Rourke
* 16:40-16:50: CORDEX - \*Silvina Solman, CORDEX
* 16:50- 17:00: WCRP Lighthouse Activity on Explaining and Predicting Earth System Change – \*Patrick Heimback/Anca Brookshaw, WCRP
* 17:00-17:10: ESMO plans \*Susann Tegtmeier, ESMO
* 17:10-17:20: Feedback from GCOS - CMUG
* 17:25-17:55: Potential activities and collaboration - panel discussion, questions from floor

**17:55 – 18:00:** Wrap up of Session 4 & End

(\* remote attendee)