



CLM COMMUNITY

14TH GENERAL ASSEMBLY

FROM 16 TO 20 SEPTEMBER, 2019
PAESTUM – ITALY

ORGANIZING SECRETARY  mtn



PROGRAM

CLM Assembly 2019

Program

Monday September 16

Morning *(Saturno conference room)*

09:00- 12:00 **Workshop with Majors and Businessmen (by invitation only)**

12:00 – 14:00 **Lunch break**

Afternoon

14:00 – 17:00 **Working group SUPTECH (A. Kerkweg, Univ. Bonn)** *(Marte meeting room)*

17:00 – 19:00 *(Hall Meeting room)*

- Icebreaker – Welcome drink
- Info point opening, participants registration

20:00 – 22:00 **Buffet Dinner at Hotel Ariston** (not included in the fee)

Tuesday September 17

Morning

08:00- 09:00 **Participants registration** *(Hall meeting room)*

09:00- 09:30 **Assembly opening:** *(Nettuno meeting room)*

- Welcome, logistic information - Edoardo Bucchignani (CMCC)
- Official opening - Paola Mercogliano (CMCC)
- Greetings from CLM CO – Barbara Fruh (DWD)

Plenary Session 1 – Convener Edoardo Bucchignani (CMCC) *(Nettuno meeting room)*

- 09:30 – 09:55 **Recent developments of the COSMO-CLM system, Burkhardt Rockel (HZG)**
- 09:55 – 10:20 **Experiences with ICON-CLM and its starter package, Burkhardt Rockel (HZG)**
- 10:20 – 10:40 **Online diagnostics for the CLM-Community, Astrid Kerkweg (Univ. Bonn)**
- 10:40 – 11:00 **Evaluation of an ERA-Interim steered EURO-CORDEX simulation with the regional ocean-atmosphere model ROAM1.0 and first steps in the direction of ROAM2.0, Jennifer Brauch (DWD)**

11:00 – 11:30 Coffee Break

- 11:30 – 13:00 **Working group meeting (in parallel)**
- AIO (J. Brauch, DWD)
 - ICON (K. Keuler, BTU)
 - SOILVEG (M. Tolle, Univ. Giessen)

13:00 – 14:00 Lunch at Hotel Cristallo (not included in the fee)

Afternoon

Plenary Session 2 – Convener Merja Tolle (Univ. Giessen) *(Nettuno meeting room)*

- 14:00 – 14:20 **Computational Performance of Higher Order Numerical Schemes in COSMO Model, Andreas Will (BTU)**
- 14:20 – 14:40 **Results of statistical downscaling of COSMO-CLM convection-permitting simulations with PCA-derived weather patterns, Michael Haller (DWD)**
- 14:40 – 15:00 **Analysis of convection-resolving COSMO-CLM simulations for Germany, Susanne Brienens (DWD)**
- 15:00 – 15:20 **Effects of shallow convection schemes in perennial convection-permitting simulations with CCLM and WRF, Heimo Truhetz (Univ. Graz)**
- 15:20 – 15:40 **Evaluation of high resolution convection permitting simulations over the period 2000-2010, Mario Raffa (CMCC)**
- 15:40 – 16:00 **Atmospheric Moisture Effects on Deep Convection in the Western Mediterranean, Alberto Caldas-Alvarez (KIT)**

16:00 – 16:30 **Coffee Break**

16:30 – 18:00 **Working group meeting (in parallel)**

- EVAL (I. Anders, ZAMG)
- CCAR (M. Mertens, DLR)
- CRCS (R. Petrik, HZG)

14:00 - 17:00 **CLM Science Advisory Board meeting (by invitation only)** (*Marte meeting room*)

Wednesday September 18

Morning

Plenary Session 3 – Convener Ivonne Anders (ZAMG) (*Nettuno meeting room*)

9:00 – 09.20 **High Resolution Urban Climate Modelling, Johann Zuger (AIT)**

9:20 – 09.40 **Comprehensive Study of the COSMO-CLM Performance over Central Asia, Emmanuele Russo (Univ. Bern)**

9:40 – 10.00 **Implementation of blowing snow and improvement of albedo and surface mass balance in COSMO-CLM over Antarctica, Sam van den Brouke (KU Leuven)**

10:00 – 10.20 **Analysis of heat-related hazard reducing actions during heatwaves in Berlin with an urbanized regional climate model COSMO-CLM/DCEP-BEM, Luxi Jin (Univ. Berlin)**

10:20 – 10.40 **Modelling the impact of urban climate on vector borne malaria in Sub-Saharan Africa using COSMO-CLM – The example of Kampala, Uganda, Oscar Brousse (KU Leuven)**

10:40 – 11.00 **The FINO database and its applicability for model evaluation, Ronny Petrik (HZG)**

11:00 – 11:30 **Coffee Break**

11:30 – 13:00 **Community meeting** (*Nettuno meeting room*)

13:00 – 16:00 Lunch at Fattoria Didattica Tempio with visit to the Factory

Afternoon

16:00 - 18.00 Poster session (*Nettuno meeting room*)

18:00 - 19.00 Training course meeting (**by invitation only**) (*Nettuno meeting room*)

Thursday September 19

Morning

Invited talk – Convener Paola Mercogliano (CMCC) (*Nettuno meeting room*)

9:00 – 10:00 Keynote, prof. Antonio Navarra (President of CMCC)

Plenary Session 4 – Convener Jonas Van der Valle (KU Leuven) (*Nettuno meeting room*)

10:00 – 10.20 Regional climate and process studies in South Asia CORDEX: An information theory perspective, Praven Kumar (Univ. Frankfurt)

10:20 – 10.40 Influence of horizontal resolution on simulations of extreme precipitation episodes, Klaus Keuler (BTU)

10:40 – 11.00 Long-term variability of European climate extremes, Hendrik Feldmann (KIT)

11:00 – 11:30 Coffee break

11:30 – 13:00 Working group meeting (in parallel):

- ICON/EVAL (C. Steger, DWD)
- CP (H. Feldmann, KIT)
- DYNNUM (A. Will, BTU)

13:00 – 15:00 Lunch at Hotel Cristallo – Mozzarella Party (not included in the fee)

15:00 – 18:00 Visit of Templi of Paestum

20:30 – open Social dinner at La Casareccia Restaurant

Friday September 20

Morning

Plenary session 5 – Convener Oscar Brousse (KU Leuven) (*Nettuno meeting room*)

- 09:00 – 09.30 Producing regional climate projections for Europe through the PRINCIPLES project + CORDEX CORE, Silje Soerland (ETH)
- 09:30 – 10.00 Sensitivity of mid-latitude temperature to albedo parameterization in the regional climate model COSMO-CLM linked to extreme land use changes + CORDEX FPS LUCAS, Merja Tolle (Univ. Giessen)
- 10:00 – 10:30 Influence of spectral nudging on convection permitting simulations + CORDEX FPC CPS, Ivonne Anders (ZAMG)
- 10.30 – 11.00 CORDEX-FPS ELVIC: a convection-permitting model ensemble over the Lake Victoria region + CORDEX FPS ELVIC, Jonas van der Valle (KU Leuven)

11:00 – 11:30 Coffee break

11.30 – 13.00 Report from working groups

13.00 – 13.10 CLM Assembly Closing

Afternoon

14.00 – 17.00 CLM-CO Meeting (by invitation only) (*Marte meeting room*)

SCIENTIFIC SECRETARY

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