



Schweizerische Eidgenossenschaft
Confédération suisse
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Swiss Confederation

Federal Department of Home Affairs FDHA
Federal Office of Meteorology and Climatology **MeteoSwiss**



STC Report

Wroclaw, 10th of September 2015

Philippe Steiner



36th STC meeting on 7th/8th Sept.

Participants:

- B. Ritter (Germany)
- P. Steiner (Switzerland, chair)
- L. Torrisi (Italy)
- A. Wyszogrodski (Poland)
- G. Stancalie (Romania)
- G. Rivin (Russia)
- Y. Levi (Israel, observer)
- M. Ziemianski (SPM)

Excused:

- D. Majewski (Germany)
- P. Skrimizeas (Greece)
- D. Kiktev (Russia)



Finishing PP/PT

The reports of following PP/PT have been discussed:

- PP KENDA
- PP COTEKINO
- PT SNOWE
- PT (RC)²

which terminate in 9/15.

The following projects will be shortly extended

- PP VERSUS2:
missing high priority deliverables and schedule for their delivery to be worked out by the WG5 with the PP leader
- PT CORSO-A:
extension until end of 2015 to provide all deliverables



Extended PP/PT

The modified plans of the following PP/PT have been approved, with punctual request for adaptations:

- PP CELO with an extension until 3/2018
- PP CALMO with an extension until 9/2016
- PP POMPA with an extension until 9/2016
New leader of POMPA: Xavier Lapillonne (MeteoSwiss)
- PP INSPECT
- PT ConSAT with an extension until 9/2016

The STC thanks for the work done in all these PP/PT (here and previously mentioned)



Decisions on new PP/PT (1)

Following PP have been approved:

- PP KENDA-O (9/15 – 9/17):
Km-Scale Ensemble-Based Data Assimilation for High-Resolution Observations
 - Leader: Christoph Schraff (DWD)
- PP SPRED (9/15 – 9/17):
Studying Perturbations for the Representation of modelling uncertainties in Ensemble Development
 - PP Leader: Chiara Marsigli (ARPA-SIMC)



Decisions on new PP/PT (2)

Following PP/PT have been approved:

- PP CDIC
Comparison of the dynamical cores of ICON and COSMO
 - leader: Michael Baldauf (DWD)
- PP T²(RC)² (9/15 – 9/17):
Testing and Tuning of Revised Cloud Radiation Coupling
 - Leader: Harel Muskatel (IMS)
- PT TSA (9/15 – 9/16):
Terra Stand Alone (Terra SAnta)
 - PT leader: Yiftach Ziv (IMS)



Other considerations

- **COSMO-LEPS:**
the STC supports the extension of COSMO-LEPS to 20 members as proposed by ARPA-SIMC/WG7
- **GRIB2:**
the STC approves the new GRIB2 policy proposed by the TAG/SMC (ensuring the sustainable use of GRIB2 by all COSMO Partners)
- **Rules for source code management:**
the STC approves the new version of the document COSMO standards for with minor corrections (collaboration ICON / COSMO)



Other considerations

- **KENDA code:**
the STC tasks the TAG together with WG1 and the ICON partners to define which quality assurance rules are feasible and useful for the software package CASDA, containing the modules developed LETKF and MEC, and how they can be implemented to ensure a good working collaboration COSMO / ICON.
Proposition to be submitted in 9/2016.



Strategy on verification tools (1)

- STC thanks the WG5 for the preparation of the document
- Decision on the **CVS (common verification system)**:
 1. Current CVS is VERSUS + VAST
 2. DWD tools to be evaluated by COSMO (starting 2016)
 3. DWD tools possible CVS in ~2017, together with VERSUS + VAST for a transition period.
(Maintenance of VERSUS + VAST ensured till 2017)
 4. At the end of the transition period DWD tools could remain the only CVS
 5. VERSUS becomes a AVT (additional verification tool) for the conditional verification



Strategy on verification tools (2)

- Decision on the **AVTs (additional verification tools)**:
 - AVTs shall be provided to cover the additional common needs
 - New AVT shall be proposed by WG5 and approved by the STC after recommendation of the SMC
 - No development, but possible adaptation of tools might be necessary for new AVTs
 - Support should be available for the AVTs
 - Whenever possible the AVTs should use common formats (possibly using adaptors)



Elections

- 1) Detlev Majewski (DWD) elected Chair of the STC for one additional year (transition period)
- 2) Michal Ziemianski (IMGW) reelected Scientific Program Manager for one additional year (transition period)
- 3) Antonio Vocino (COMET) elected as new SCA for VERSUS



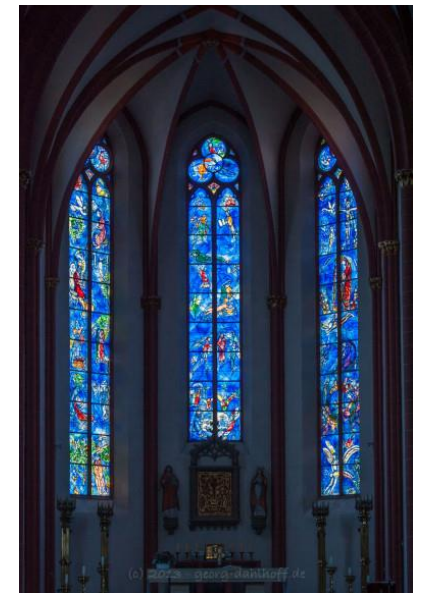
Questions?





**Venue for COSMO GM 2016, 5.-8. September 2016
Offenbach, Germany**

Excursion?



Mainz





You in Offenbach