WG6:
news about our activities

Massimo Milelli
&
many others

Agenda Wednesday morning

PARALLEL SESSION WG6 (Chair: Massimo Milelli) - VR1

09:00 - 09:15 M. Milelli, Introduction and overview

09:15 - 10:00 U. Schättler, COSMO & INT2LM SCA report

10:00 - 10:20 I. Cerenzia, COSMO-LEPS updates

10:20 - 10:40 B. Maco, User Support

10:40 - 11:00 T. Andreadis, Web news

11:00 - 11:15 BREAK

11:15 - 12:30 C. Osuna, PP IMPACT

Outlook

- Documentation

- PPs status

- Web server replacement

- Web services

- Other business

Documentation

- DACE user manual to be updated

- NWP TS report published → COSMO ver 5.06 vs 5.05

- expected TRs during the COSMO year: PP KENDA, PP CDIC, PP CELO, PP CEL-ACCEL, PP EX-CELO

Documentation

- The DOI (Digital Object Identifiers) format reads 10.5676/dwd_pub/nwv/cosmo-nl_XX_YY, where XX is the number of the Newsletter, and YY is the number of contribution within the Newsletter No. XX

- The landing page for the COSMO Newsletters is:

  www.dwd.de/EN/ourservices/cosmo_newsletter/cosmo_newsletters.htm

- DOIs are also provided for COSMO Technical Reports. The DOI format reads 10.5676/dwd_pub/nwv/cosmo-tr_XX, where XX is the technical report number. All Technical Reports with DOIs are already available at the landing page at DWD:

  www.dwd.de/EN/ourservices/cosmo_technical_reports/cosmo_technical_reports.htm.

  Great thanks are due to the DWD colleagues Ms. Magdalena Bertelmann and Dr. Jörg Rapp for their kind efforts in providing DOIs for COSMO publications.

PPs status

- PP C2I
PPL: Daniel Rieger
end: 03/2022
status: ongoing

- PP IMPACT
PPL: Carlos Osuna
end: 09/2022
status: ongoing

- PP CEL-ACCEL
PPL: Zbigniew Piotrowski
end: 03/2020
status: ended

Session yesterday afternoon

HPC session later

Web server replacement

The reasons for proposing the replacement are:

- the system, being in use 24x7 is reaching the point in time when any sudden hardware failure is probable, possibly leaving the consortium without service for a considerable time;

- there is some advancement in PC architecture, namely an (at least) x4 increase in number of hardware threads (and memory), that would profit the software we have been using. Other than number of cores, the now common use of M.2 solid state disks will increase speed and protection against sudden hardware failure;

- the web/mail server is gradually evolving into an application server. Other than the originally planned site and mailserver/maillists, it runs extra applications with a web interface (like R and RFDBK, Shiny Server, ICON configurations viewers, cloud optics programs and their support, like separate uploaders and viewers). Currently the machine is copying, but this won't last for long if external apps keep coming up, so it is a good future-strategy to enhance the computational potential of the system.

Web services

- Cloud optical properties

http://www.cosmo-model.org/content/tasks/operational/ims/cloudOptics/ranges.htm

- Rfdbk

http://www.cosmo-model.org/shiny/users/fdbk/fdbk_cont/

Other business

- Namelist tool from CLM Community

https://tools.clm-community.eu/NLT/devel/portal/index.php

User: cosmo user
Passwd: WebPEP4all

- The updates are collected here

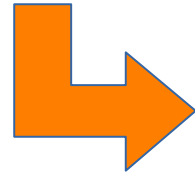http://www.cosmo-model.org/view/content/tasks/operational

Please provide your new set of namelists if it's the case (and if not done yet)

Other business

- Next ICCARUS meeting announced (15-19/3/2021):

https://www.dwd.de/SharedDocs/termine/EN/research/termin_iccarus_en_2021.html

PP C2I meeting

Thanks for your attention and for your work !