Chat during EPS & MQA sessions

Wastl Clemens9:13 AM

Inger-lise, did you also look on temperature perturbations? We here see that one part of the dryer members is related to higher temps in the members.

Michiel Van Ginderachter (RMI)9:21 AM

@Clemens.In the Morris Study I did, only surface perturbations were switched on

Martin Belluš9:31 AM

Inger-Lise, quite interesting results. We have tested drying effect in LAEF system, and it was affected only by the upper-air perturbations of T and Q. Perturbation of surface moisture had no significant impact on that. Also, in A-LAEF we use SPPT for surface prognostic variables (including surface moisture) and our scores for RH2m are better than for deterministic models without any perturbations. Could be the difference due to the AROME vs ALARO physics?

Inger-Lise Frogner9:33 AM

@MartinB: interesting, maybe also related to how we do surface asimilation diferently.

Morten Køltzow9:37 AM

For the new version of the operational AROME-FRANCE EPS; what considerations did you do regarding improved resolution, compared to more members, longer forecasts, more frequent updates etc?

Austria, Yong Wang9:41 AM

What is your idea to combine SPPT, iSPPT and SPP?

Ulf Andrae9:42 AM

Laure, what's the resolution of AROME-EDA?

Austria, Yong Wang10:01 AM

what will be the LACE science development on EPS?

Michal Nestiak10:01 AM

Q: Thanks. For presentation. May I ask what was the ALARO EPS used in OMSZ (HU)?

And whic cycle it used?

Katalin Radnóczi10:03 AM

@Michal: CY40

martina tudor10:03 AM

this year we have to move two systems to new ecmwf machine

Gabriella Szepszo10:03 AM

Michal: and 8 km, we stopped it last summer

Michal Nestiak10:04 AM

Thanks Katlin, and resolution?

Thanks Gani.

Karl-Ivar Ivarsson, SMHI10:20 AM

Did you use ECUME6 fort AROME/ALARO over Canary Islands ?

oon Moene (KNMI)11:11 AM

single precision is most precarious in dp/dx during winter ...

Michiel Van Ginderachter (RMI)11:16 AM

Thank you Henrik, very interesting. 1) Did you encounter any unexpected problems/difficulties in the technical work ? 2) Do you have any idea about the model drift for longer forecasts?

Karl-Ivar Ivarsson, SMHI11:17 AM

Few cases with very low humidity may cause outliers of dewpoint temperature

Ulf Andrae11:17 AM

Henrik, it could be worth checking the Td diagnostic from the same run with SP/DP binaries.

Michiel Van Ginderachter (RMI)11:19 AM

Ok thank you!

Alan Hally Met Éireann11:20 AM

Thanks Henrik, do you think a move to SP could preclude any possible future perturbations to dynamics (i.e. SLHD settings)

Austria, Yong Wang11:42 AM

Thanks for the good work. It opens a lot of oppotuinty for the other subject

janus11:56 AM

https://events.ecmwf.int/event/172/timetable/

Pau Escriba11:56 AM

Thanks Jan

janus11:56 AM

Have a look at the talks here.

For me it was inspiring.

Claude Fischer11:57 AM

@all: reminder for the final session this afternoon: Area Leaders overview & final discussion. Start at 13h30

Alan Hally Met Éireann11:58 AM

The topic of machine learning came up at the Stochastic Physics workshop at the beginning of March, the consensus seemed to be that it's use is currently limited to improvements in parameterisations/DA, there wasn't much on using it for model error estimations

Kristian Horvath, DHMZ11:58 AM

on ML also https://events.ecmwf.int/event/239/