ČHMÚ

PAC 2010

Short Report to GA

(the PAC 6th Session took place in Bucharest, 3-4/6/2010 and the PAC 7th Session took place in Budapest, 30/11/2010)

Prague, 14 – 15 December 2010

Work-Plan Aspects

- PAC found the research and development content of the WP correct, but there is a contradiction, since it may not reflect enough the ALADIN strategy.
- It is not clear up to which level of the code (how deep) the Object Oriented coding should go

ALADIN Program Definition (1)

- Dynamical Core (GA point 7.a)
  - PAC had a constructive discussion on this issue. There is a fear that we advance too slowly in deciding what to do, but this is also a consequence of the partial failure of the BRAC-HR workshop.
- SURFEX (GA point 7.c)
  - Lack of compatibility with the ALADIN System, maintenance approach and computing

ALADIN Program Definition (2)

- Convergence Issues (GA point 7.b)
  - PAC noted good status of one part of the work (diagnostics and governing equations), but the other two topics (microphysics, 3MT in ARPEGE) stay without progress.
  - PAC agreed the current situation is not sustainable and that the two topics are not separable.

ALADIN Program Definition (3)

- Follow-on of the BRAC-HR meeting (GA point 7.a)
  - PAC discussed the status of the work of the Expert Team (ET) on the scalability of dynamical core and on the physics-dynamics interaction.

Miscellaneous

- PAC took note the 'zero-targeted' budget sum at the end of MoU3 which will be almost (but only almost) zero, like aimed at.
- PAC noted as well the flat-rate cross-visits are still too much realized via the stays involving Météo-France and/or RC LACE countries and not via stays implying two NMS paying themselves to the central budget.
- PAC expressed its concern related to the way EUMETNET Assembly received the SRNWP roadmap. PAC hopes it was not disapproval of the last 4-year work of C-SRNWP A. Horányi.