Swiss COSMO User Workshop

16 December 2010

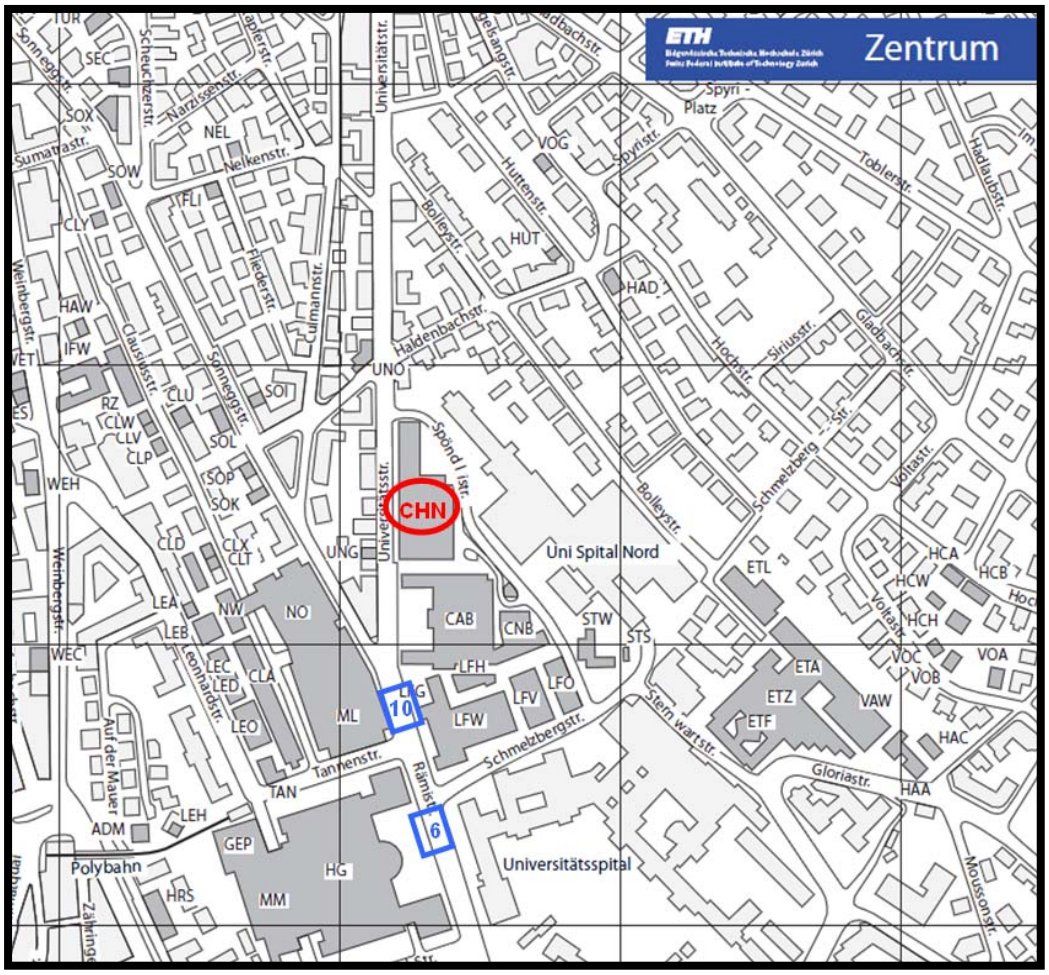
Goal

The Swiss COSMO User Workshop is intended as a platform to share experience and present current projects with the COSMO model. The informal workshop atmosphere is ideal to discuss possible problems with the model and initiate collaborations with other groups. Talks should be focused on the COSMO model and last approximately 12 minutes with 8 minutes for discussion.

Location

ETH Zürich (campus Zentrum): Room L17.1 in building CHN

Take Tram 6 or Tram 10 at the main station and exit at the tram station "ETH/Universitätsspital".



Tram stations of tram 6 and 10 (“ETH/Universitätsspital”) are marked in blue and CHN building is marked in red.

Program

10.00	– 10.10	Isabelle Bey, C2SM **Welcome and general information**
10.10	– 10.30	Omar Bellprat, IACETH **Exploring perturbed physics ensembles with COSMO-CLM**
10.30	– 10.50	Wolfgang Langhans, IACETH **Kilometre-scale simulations of moist convection over complex terrain**
10.50	– 11.10	Linda Schlemmer, IACETH **Influence of the namelist switch lexpcor on the water budget as simulated in an idealized cloud-resolving model**
11.10	– 11.30	Hanna Joos, IACETH **Influence of diabatic processes on the PV-development in warm conveyor belts**
11.30	– 11.50	Sebastian Schemm, IACETH **Idealized moist baroclinic wave simulations with (working) periodic boundaries**
11.50	– 12.10	Edouard Davin, IACETH **Evaluation of COSMO-CLM^2 and the role of the representation of diffuse/direct radiation partitioning**
12.10	– 12.30	Ruth Lorenz, IACETH **Land-climate interactions in COSMO-CLM^2 compared to COSMO-CLM**
12.30	**– 13.45**	***Lunch break***

Afternoon program: see reverse page!

13.45	– 14.05	Katrin Zink, MeteoSwiss **Pollen emission in COSMO-ART**
14.05	– 14.25	Christoph Knote, EMPA **Cloud-phase chemistry in COSMO-ART**
14.25	– 14.45	Stephan Pfahl, IACETH **Water tracers in the COSMO model: technical issues related to mass conservation and tracer-tracer correlation**
14.45	**– 15.05**	***Coffee break***
15.05	– 15.15	Philippe Steiner, MeteoSwiss **COSMO Consortium**
15.15	– 15.35	Marie Müllner, MeteoSwiss **Implementation of a fully three dimensional advection scheme for the COSMO dynamical core**
15.35	– 15.55	Oliver Fuhrer, MeteoSwiss **The HP2C COSMO project: Short overview and first results**
15.55	– 16.15	Daniel Leuenberger, MeteoSwiss **High-resolution data assimilation in COSMO: status and plans**
16.15	– 16.30	Daniel Leuenberger, MeteoSwiss **Operational COSMO of MeteoSwiss**
16.30	**– 17.00**	***Open discussion***
17.00	**Open end**	***Apero***