

Swiss COSMO User Workshop

20 January 2017

Goal

The Swiss COSMO User Workshop is intended as a platform to meet other COSMO users and get to know the work of each other. This year's program consists of short talks aiming at introducing new COSMO users/developers and their project and longer presentations. Overviews of group's or project's activities are proposed as well as scientific results and tutorials.

We hope that you will enjoy this lively mix in an informal and interactive atmosphere!

Location

ETH Zurich, CHN Building, Room F42

Program

10:30	- 10:35	Katherine Osterried, C2SM Welcome and general information
		<i>New COSMO User introductions</i>
10:35	- 10:40	Stefan Moosbrugger, MeteoSwiss
10:40	- 10:45	Laureline Hentgen, IAC, Climate and Water Cycle group
10:45	- 10:50	Annika Oertel, IAC, Atmospheric Dynamics
10:50	- 10:55	Gesa Eirund, IAC, Atmospheric Physics
10:55	- 11:00	Hannes Vogt, MeteoSwiss
11:00	- 11:05	Matthieu Leclair, IAC, Land-Climate Dynamics
		<i>COSMO User presentations</i>
11:05	- 11:25	Christophe Charpilloz, MeteoSwiss Overview of the crCLIM project
11:25	- 11:45	Stefan Rüdüsühli, IAC, Atmospheric Dynamics Cyclones, fronts, and precipitation with resolved convection over Europe
11:45	- 12:05	Davide Panosetti, IAC, Climate and Water Cycle Convergence behaviour of convection-resolving simulations of summertime deep convection over land
12:05	13:30	<i>Lunch</i>
13:30	- 13:50	Daniel Wolfensberger, EPFL Retrieval of synthetic radar observations from the COSMO model

13:50	- 14:10	Helene Barras, Uni Bern Verification of strong wind gusts in COSMO-2
14:10	- 14:30	Linda Schlemmer, IAC, Climate and Water Cycle A modified formulation for groundwater runoff in TERRA_ML
14:30	- 14:50	Adel Imamovic, IAC, Climate and Water Cycle Soil-moisture and orography: collective impacts on moist convection
14:50	- 15:10	Marina Duetsch, IAC, Atmospheric Dynamics The influence of meteorological processes on stable water isotopes in a 10-year COSMOiso simulation over Europe
15:10	15:40	<i>Coffee Break</i>
15:40	- 16:00	Xavier Lapillonne, MeteoSwiss How to use the COSMO GPU version
16:00	- 16:20	Gianluca Mussetti, EMPA Urban climate simulation with COSMO
16:20	- 16:30	Dominik Brunner, EMPA Overview of EMPA COSMO Activities
16:30	- 16:40	Katherine Osterried, C2SM Useful tools from the COSMO-CLM community
16.40	Open end	<i>Apero</i>