



2nd COPS Workshop

Aula, University of Hohenheim, 27 – 28 June 2005

**COPS - Convective and Orographically-induced Precipitation Study,
a Field Program within
the Priority Program 1167 “Quantitative Precipitation Forecast (PQP)”
of the German Research Foundation**

Monday, 27 June

10:00 – 11:00 *Coffee & Cake*

11:00 – 11:45 Welcome & Introduction

11:00 – 11:05 Inaugural Greetings

11:05 – 11:20 Welcome & COPS Introduction, Volker Wulfmeyer, Universität Hohenheim

11:20 – 11:45 Status-quo of COPS scientific preparation, candidate instrumentation & workshop overview, Andreas Behrendt, Universität Hohenheim

**11:45 – 13:00 1st Session: Mesoscale model characteristics and verification
(Chair: Evelyne Richard)**

11:45 – 12:00 Role of COPS for improving model deficiencies from the view of the DWD, Gerhard Adrian, DWD

12:00 – 12:15 Results of LM evaluation projects within the Priority Program PQP, Heini Wernli, Universität Mainz

12:15 – 12:30 Relation of EVA-GRIPS results to COPS science goals, Felix Ament, Universität Bonn

12:30 – 12:45 Simulating orographic precipitation: Sensitivity to physics parameterizations and model numerics, Günther Zängl, Universität München

12:45 – 13:00 Discussion

13:00 – 14:00 *Lunch Break*



Deutsche Meteorologische Gesellschaft

14:00 – 15:30 **2nd session: Complementation of COPS with international campaigns**
(Chair: Herman Russchenberg)

14:00 – 14:10 IHOP_2002 highlights and results, Tammy Weckwerth, NCAR/ATD

14:10 – 14:20 CSIP, Alan Blyth, University of Leeds

14:20 – 14:30 Goals of the GOP and its links to COPS, Susanne Crewell,
Universität München

14:30 – 14:40 MAP-FDP/D-PHASE, Hans Volkert, DLR Oberpfaffenhofen

14:40 – 14:50 TRACKS/COPS, Christoph Kottmeier, Universität Karlsruhe

14:50 – 15:00 THORPEX and ETReC07, George Craig, DLR Oberpfaffenhofen

15:00 – 15:30 Discussion

15:30 – 16:00 *Coffee Break*

16:00 – 17:30 **3rd session: COPS Research Components I: Status-quo of Working**
Groups (Chair: Christoph Kottmeier)

16:00 – 16:15 Initiation of Convection, Ulrich Corsmeier, Universität Karlsruhe

16:15 – 16:30 Aerosols and cloud microphysics, Jost Heintzenberg, IfT Leipzig

16:30 – 16:45 Precipitation processes, Martin Hagen, DLR Oberpfaffenhofen

16:45 – 17:00 Data assimilation and predictability, Hans-Stefan Bauer,
Universität Hohenheim

17:00 – 17:30 Discussion

17:30 – 18:30 **Meeting of the COPS International Science Steering Committee (ISSC)**

19:00 – 19:30 *Reception*

19:30 – 20:00 *Musical Surprise*

20:00 – 24:00 *Banquet*

Tuesday, 28 June

- 9:00 – 10:15** **4th session: COPS Research Components II (Chair: Susanne Crewell)**
- 9:00 – 9:10 Links between QPF and hydrology, Andras Bardossy, Universität Stuttgart
- 9:10 – 9:20 A strategy to study effects of the water budget in the PBL on QPF within
COPS, Christian Hauck, FZK, Karlsruhe
- 9:20 – 9:30 Strategies for measuring surface fluxes in orographic terrain,
Thomas Foken, Universität Bayreuth
- 9:30 – 9:50 Scientific Literacy on all levels: The Project MiA (Meteorology in Action),
Meike Wulfmeyer, Universität Bremen
- 9:50 – 10:15 Discussion
- 10:15 – 10:30 Coffee Break*
- 10:30 – 12:30** **Working Groups (WGs): Discussion of science hypotheses, related
experimental design, preparation of draft proposals**
- 12:30 – 13:30 Lunch Break*
- 13:30 – 14:00** **WGs: Preparation of draft proposals including logistics and operations**
- 14:00 – 15:30** **5th session: Presentation and discussion of WG results
(Chair: Andreas Behrendt)**
- 15:30 – 15:45 Coffee Break*
- 15:45 – 16:30** **6th session: Plenary discussion: Towards proposal submissions, wrap up
& action items (Chair: Volker Wulfmeyer)**
- 16:30 Adjourn*