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Oral Programme AS1.21

Quantitative precipitation forecasting in complex terrain: Results of the Convective and Orographically-induced Precipitation Study (COPS) and other campaigns (co-sponsored by the World Weather Research Program of the WMO)

Convener: Dr. Wulfmeyer Co-Conveners: C. Kottmeier , A. Behrendt , P. Di Girolamo , R. Steinacker , M. Dorninger , MW Rotach [Session Details](#) [Poster Programme](#) Add this Session to your [Personal Programme](#)

Tuesday, 24 Apr 2012

Room: 7

Chairperson: V. Wulfmeyer

10:30-10:45 [EGU2012-11186](#)**COPS science questions revisited: What have we learned so far from COPS?** (solicited)*A. Behrendt, V. Wulfmeyer, Ch. Kottmeier, E. Richard, M. Dorninger, P. Di Girolamo, U. Corsmeier, N. Kalthoff, and H.-S. Bauer*10:45-11:00 [EGU2012-2342](#)**Dry and moist convective cells in the convective boundary layer over a Black Forest summit - synergetic effect of combined in situ and remote sensing observations***N. Kalthoff, S. Späth, K. Träumner, A. Wieser, J. Handwerker, F. Madonna, and A. Behrendt*11:00-11:15 [EGU2012-8639](#)**Detailed flow, hydrometeor and lightning characteristics of an isolated thunderstorm during COPS***K. Schmidt, M. Hagen, H. Höller, E. Richard, and H. Volkert*11:15-11:30 [EGU2012-10768](#)**The role of orography in the regeneration of convection: A case study from the Convective and Orographically-induced Precipitation Study***V. Smith, S. Mobbs, R. Burton, M. Hobby, F. Aoshima, V. Wulfmeyer, P. Di Girolamo, R. Bhawar, and E. Norton*11:30-11:45 [EGU2012-5793](#)**Assimilation of water vapor lidar observations: impact study on the COPS precipitation forecasts and hindcasts***E. Richard, S. Bielli, M. Grzeschik, C. Flamant, C. Kiemle, and M. Dorninger*11:45-12:00 [EGU2012-12451](#)**On the uncertainty of verification measures by reference data***M. Dorninger and T. Gorgas*