

Reporting of WG2 ,Physical Parameterization‘

- Convection scheme? At which grid-spacing can we get away without (deep) convection scheme?
- Are sophisticated multi-moment schemes necessary for convective-scale precip forecasts? Maybe for hail and QPF?
- Test cases and validation?
 - GCSS cases for PBL and convection
 - Cloud modeling workshop cases for microphysics‘
- Comparison with radar? Prefer dBZ, but do not overemphasize the quantitative agreement

... continued

- Consistency and interaction of the various parameterizations has to be improved.
- What are the most crucial processes/parameterizations for QPF?
 - PBL and turbulence
 - Microphysics esp. evaporation of raindrops
 - Soil moisture..... and other stuff?
- Can we forecast precipitation type, e.g. freezing rain?