

Role of working groups

- Refine science questions
- **Suggestion:** Distribute current state of questions to interested parties
- Define measurement strategy
- Define links to other WGs
- Define links to international activities, mention key US and French instrumentation
- Coordinate observations, provide real-data
- Develop instrument strategies
- Data Management



Approach

Compare model runs with different resolutions

Extended skill analyses

Simulate sensor performance and synergy

Analyze the specific failures of parameterizations

Develop suitable experimental design

Elaborate dynamic, thermodynamic, and microphysical theories to be tested with the collected data

Prepare and enhance the application of data assimilation

Perform mesoscale ensemble forecasting for process and predictability studies



Suggestion for Structure of „COPS & GOP“ Proposal to be Submitted at DFG

COPS

Initiation of convection

Precipitation Processes & life cycle

Aerosols and cloud microphysics

Data assimilation & predictability

Preparations:

- International coordination
- Experimental design
- Mission design
- Data Management
- Model preparations
- Real-time data assimilation
- ...

Science Overview Document

Operations Plan

Education at universities & schools

Logistics

Operations

Data archiving

GOP

Budget and its distribution

- COPS/GOP: **2M€**, separate from general PP budget
- Allocated for transportation, operation, staff for operation, data archiving
- 400-500k€ per group
- A piece for GOP
- A piece for logistics and operations
- Additional funding for educational component shall be requested

Summarize external contributions
from participants



How to move on, part 1

- First draft of SOD, mid of July, 2005
- Skeleton of proposal for each component, when confirmed by DFG
- Extension of model runs, continue analysis of radar and satellite data
- Update continuously the SOD with results of the verification group
- Working group chairs coordinate the preparation of draft proposals and delegate the work, define links to other WGs, deadline wk 38



How to move on, part 2

- Coordination by means of a component containing
 - operations,
 - logistics,
 - mission design,and data archiving component developed at IPM project office, deadline: wk 38
- ISSC Meeting, wk 40
- Final iteration in October 2005
- Deadline for submission: November 1, 2005

