

## **SCOPE-CM Project 07 Status and Outlook.**

Ralf Bennartz UW-Madison/Vanderbilt  
Rainer Hollmann, CM SAF / DWD  
Chris O'Dell, CSU

Project is moving forward as planned with collaboration between UW-Madison/Vanderbilt, DWD, and Colorado State University

### **Achievements last year**

- \* CSU/UW-Madison/Vanderbilt continue working on Level 3 LWP/RWP climatology under NASA funding
- \* Draft ATBD finalized
- \* Started additional error analysis
- \* CM SAF/ DWD has developed ATBD for LWP from upcoming MWI imager
- \* Joint activities: Regularly consulting on progress. Internal cross-reviews of ATBD.
- \* CM SAF/ DWD prepared for the extension of the HOAPS LWP.
- \* Goal is to have ATBD available as public documents within a year

### **Planned activities for next year**

- \* Generation, documentation, review and release of HOAPS LWP at CM SAF / DWD
- \* internal cross review of documentation continued.
- \* Potential for visiting scientist study at DWD fostering exchange between two projects
- \* Focus of visiting scientist will be validation and inter-comparison of LWP for the generated data sets.
- \* Further refine ATBDs and include validation
- \* Derive strategy to host and cross-link datasets between US and European partners.
- \* Prepare papers on data sets.