

Cal/Val panel discussion (1)

- What L2 algorithms are not well covered by Cal/Val activities?
 - Aerosols well covered, but not true terminal velocity, upward motion, 3D reconstruction & radiative closure to 10 W m^2 ?
- How do we overcome the point-site rare-overpass problem?
 - Statistical analysis, scanning cloud & rain radar, dense networks of surface stations, other satellites?
- Some observations/retrievals we trust more than others, but which?
 - Yes! in-situ – can we get more (including NASA/US facilities)?
 - Yes: ceilometer cloud base, 355nm HSRL/Raman extinction profile...
 - Not so much: remote cloud microphysical retrievals (but still very interesting!)
 - CPR & ATLID backscatter will not be calibrated by ground-based radar & lidar!
- Mechanism to improve algorithms or release experimental versions?
 - L2 teams will struggle to account for all Cal/Val info: open-source release?

Cal/Val panel discussion (2)

- Data provision vs. data use
 - Submission of data to EVDC important, even if no funding for work on validation
 - Identify capacity & funding for looking at many datasets (from the EVDC)
 - Are any important networks/sites at risk of being discontinued (e.g. ATMO-ACCESS pilot)
- Publications
 - Separate Cal/Val special issue, or general EarthCARE Science & Cal/Val special issue?
 - Benefit for data providers would be co-authorship in publications
- Communication tools and access to communication channels
 - Need good communication channels & access for all who work on validation
 - Currently many issues regarding access to ESA's Confluence
 - Set up smaller working groups to tackle specific problems, cloud types etc?
- What else?
- Are there any other upcoming meetings anyone wants to highlight?