

Notes of the COCCON EM27/SUN telephone conference at August 23rd 2022

Here are some notes of the discussions and ideas of the telecon.

Please note that these notes are not a complete record. Rather it tries to sum up the most important points of the discussion. Furthermore, no liability is taken in case of any misunderstandings.

However, if you think an important point is missing please email to benedikt.herkommer@kit.edu.

List of participants:

Greg Osterman (JPL), Dave Pollard (NIWA), Katharina Heimerl (Vrije University Amsterdam), Noemi Taquet (UNAM), Wolfgang Stremme (UNAM), Yao Te (Sorbonne University), Wesley Heoneycutt (Oklahoma State University), Rigel Kivi (FMI), Tommi Karpinnen (FMI), Bruno Grouiez (GSMA-Reims), David Noone (University of Auckland), Moritz Makowski (TU Munich), Omaira Garcia (AEMET), Marios Mermigkas (University of Thessaloniki), Michel Grutter (UNAM), Edwin Hernandez (UNAM), Lena Feld (KIT), Frank Hase (KIT), Benedikt Herkommer (KIT)

1) Announcement Proffast 2.2 with PROFFASTpylot 1.1 is released

- Major updates are:
 - New calibration factors to match the COCCON reference and the KA TCCON station
 - Pressure Handling. Hand over the pressure handling from PROFFAST to the PROFFASTpylot to be more flexible and user friendly.
 - Correct handling of measurements near the UTC dateline
 - Several small updates
- We encourage to switch to the new version now. The old version will no longer be updated.

2) Presentation by Omaira Garcia and Naomi Taquet: COCCON activities during the La Palma volcano eruption. Gases and aerosols observation.

- See extra slides.
- Question: Do one see any black spots on the Tracker due to the DOAS optical fiber in the tracker?
 - No, the fiber is thin enough.