

## Notes of the COCCON/ EM27/SUN telephone conference at 04<sup>th</sup> of May 2021

Here are some notes of the discussions and ideas of our first telecon. I cannot promise that I recorded everything complete. So, if a statement of you is missing, I apologize for this. This is just because I did not manage to write down everything whilst speaking.

### List of participants:

Gregory Osterman (JPL), Mattaeus Kiel (JPL), Caroline Bes (CNES Toulouse), Wolfgang Stremme (UNAM), William Simpson (UAF), Niki Jacobs (UAF), Rigel Kivi (FMI), Tomi Karpinnen (FMI), Timothy Miller (University of Oklahoma), Mahesh Kumar Sha (BIRA), Neil Humpage (University of Leicester), Katharina Heimerl (Vrije University Amsterdam), Carlos Alberti (KIT), Lena Feld (KIT), Frank Hase (KIT), Benedikt Herkommer (KIT)

### Notes:

- Started with introductory round of attendees. Expectation on telecons: news exchange (campaigns, instrument operation, data analysis) and initiation of collaborations, ...
- News spread:
  - Wolfgang Stremme (UNAM): MERCI-campaign in Mexico City (cooperation involving UNAM, LSCE, KIT, ...) will soon be finished, 6 EM27/SUN spectrometers were involved.
  - Caroline Bes (CNES Toulouse): MAGIC- campaign will take place in Scandinavia in autumn this year (Caroline kindly offered to provide a presentation on this campaign in an upcoming COCCON telco - highly appreciated, thanks so much!)
- Presentation: Frank Hase on upcoming LINEFIT ver 14.8 (in context COCCON open path measurements), the presentation has been completed with some pictures and is available here as download.
- Upcoming TCCON – Meeting: Invitation to all EM27/SUN users to join and specially to present a poster. For more details see presentation also available here.
- Discussion:
  - A new version of PROFFAST is planned (in the framework of the ESA project FRM4GHG-II), this will e.g. include spectroscopic updates
  - (reflecting GGG2020 improvements + S5P-related linelists).
- Next telecon: Suggestion 22<sup>nd</sup> of July. You will be informed via Email soon.