

Summary of the 12/07/2017 PACE-IOP teleconference.

Present: Dariusz S., Greg M., Mike T., Jeremy W., Susanne C., Stephane M., Collin R., Maria T., Cecile R.

Written in the order of the discussion

1. Update from HQ and project office (Jeremy W.): HQ: No word about budget. Government may close tomorrow (in the meantime continuing resolution until Feb., EB). Paula is looking forward to the ST meeting and the project end reports, in particular to be briefed about lessons-learned and gaps that need to be addressed in the next round of proposals. Upcoming needs for science support validation and algorithm development. Would like to use much time at ST on what to do next. More urgency for validation and vicarious correction. Looking forward to the final reports.

Project: OCI center focus of design review in April. The two CubeSat polarimeters are gearing for a requirement review in March/April time frame. Project team visited the Netherlands in Nov. and the visit went well. Decision of funding on the Dutch side should be made in April. The inclusion on the CubeSats has little impact on mission, except for data transmission.

2. IOP-paper – status: ‘at the editor’.

3. EOS paper on ST – status: ‘accepted’ should hear in the next 5 (!) weeks...

4. Dataset paper: Going through comments. Adding data that is supplied in database format (if you want know how, look at data on the ST FTP). Deadline for data submission – Dec. 20th. Update expected in early January. Focus on IOP & AOPs of which at least one is hyperspectral.

5. Applications (Maria T.) – Mission application last Tues. went great. Communicate regularly with Annette regarding website. Will consider adding a paper to the ST special issue in Frontiers.

6. Ocean Sciences meeting (Jeremy W.) Approved for Town Hall (Jeremy and Paula will present). Wed. 12:45-13:45.

Next (and possibly last) telecom: Jan. 4<sup>th</sup>, 2018, 12:00pm, EST.

We are in continuing resolution until Dec. 8<sup>th</sup>. Business as usual for now. No insight into future beyond that. Delegation to SRON this month to discuss Dutch polarimeter on PACE. Task in place for HARP onto PACE (if you want to see more on HARP: <https://userpages.umbc.edu/~martins/laco/harp.htm>). ST continuing the work. The three calibration/validation projects will do their final report at the ST meeting in January. By January, HQ will know about the technology development

needed for cal/val and OCI/Polarimetry requirements. Input from the ST provides input for needed science for PACE. Future PACE solicitation is on hold for next ST and next cal/val until we know about the future of the mission.

COCI. Canadians continue to work on it. Currently not scheduled to be on PACE unless DOD comes with something.

2. Update from project office (Jeremy W. via Emmanuel B.). HARP on board. Meeting in SRON to get into details on bring them. There will be a PACE town hall at the Ocean Sciences conference. OCI optical design coming together, more at the ST meeting in January.

3. EOS article (Emmanuel B.) Article back from review. Awaiting decision from editor as of 10/31/17.

4. Community projects.

a. Cecile and Kimberly are finalizing the in-situ algorithm-development dataset with a last push for data. People continue to submit data sets. First draft is circulating. New version is worked on. Data is on ftp for external people. If anybody wants to see draft, send email to Cecile.

b. Absorption: Colin R.: working on uncertainties budget for filter pad absorption technique with Dariusz for absorption protocols document. Mike T.: On schedule for publication early spring time frame.

Zhongping L.: A manuscript about generating IOPs (hyperspectral bbp) from AOPs is in review.

5. PACE-ST meeting (Emmanuel and Lorraine): Agenda will be sent soon. Will require prerecorded presentations, as last year. If you need UMBC to help with travel, please let Lorraine know now. How far is West Palm Beach airport? It's about an hour distance, closer than Orlando.

6. PACE AC (Lorrain R.): fine tuning report. Will be submitting each chapter as a stand-alone paper to a special section in peer-review Frontiers in Earth Sciences.

7. PACE applications. Question to Maria T.: How do you and Ali plan to work on the report having to do with Applications? How can we help you? Maria T: Ali will include some sections in the AC report. We concluded Applications plan for the PACE mission and will submit to Paula and Project. No plans to write a specific paper. Additional plans posted on PACE web site. Will have meetings for user communities next year to discuss PACE data sets. Emmanuel: If you need more time or action items during the ST meeting, please tell us.

Next telecon: 12/7/2017 at noon, EDT