

High Latitude Working Group (6/25, 14:00-16:00 EDT)

14:00-14:10 Meeting Opening

- Welcoming remarks, introduction of new PIs, polling of group for specific discussion topics not covered by the agenda [de Boer, McFarquhar]

14:10-15:00 Updates on Infrastructure and Field Campaigns [5 minutes each]

- 14:10-14:15: Decadal vision [Mather]
- 14:15-14:30: Instrumentation updates and discussion
 - 14:15-14:20: Update on AMF-3 departure from OLI [Hardesty/Helsel]
 - 14:20-14:25: NSA aerosol collaborations with NOAA [McComiskey/Hardesty]
 - 14:25-14:30: HSRL at NSA [Discussion]
- 14:30-14:35: CPMMSG update as relevant to high latitudes [Fridlind]
- Field campaigns:
 - 14:35-14:40: MARCUS/MICRE [McFarquhar/Marchand]
 - 14:40-14:45: MOSAiC [de Boer]
 - 14:45-14:50: COMBLE [Geerts]
 - 14:50-14:55: Ongoing aerosol campaigns on the North Slope [Pratt]
 - 14:55-15:00: IFFExO [Gultepe]

15:00-15:10 Discussion on key gaps in high latitude understanding -- Measurement and Modeling Needs

15:10-15:50 Selected research presentations of broad interest [10 minutes each]

- 15:10-15:20: Snow measurements around NSA and insight into potential re-deployment of snow sensors [Sturm]
- 15:20-15:30: Multi-frequency radar signatures of ice and snow from the AWARE campaign [F. Tridon et al.]
- 15:30-15:40: Low-level Southern Ocean clouds and large scale forcing [Naud et al.]
- 15:40-15:50: Vertical structure of aerosols in the lower Arctic atmosphere [Creamean et al.]

15:50-15:55 Discussion buffer and/or discussions of additional topics raised in opening. Perhaps some discussion on potential workshops (virtual or in person) that could be of benefit to the group. Could also be general check in on what people would like to see from the WG, whether newsletters are useful, reminder to make sure that people are signed up to receive emails, etc.

- May want to mention and/or discuss the ongoing [IARPC 5-year plan redevelopment](#) process. ARM/ASR investigators should provide input to ensure that research topics aligned with those commonly housed under these groups are adequately represented. Tips for submitting information to the federal register: https://www.regulations.gov/docs/Tips_For_Submitting_Effective_Comments.pdf

15:55-16:00 Closing