

2025 Fall Meeting of the

Committee on Radio Frequencies (CORF)

September 18-19, 2025 Hybrid Meeting

In Person at the Beckman Center, Huntington Room, Irvine, CA

Online via Zoom and Livestream

THURSDAY, SEPT 18, 2025 - HUNTINGTON ROOM

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8:30	Committee	Discussion

9:40 Break, move into open session (15 minutes)

OPEN SESSION

Livestream available at CORF meeting page

CLICK HERE TO JOIN

9:55 AM	Welcome and Meeting Objectives (5 mins) Professor, Haverford College Scott Paine Senior Physicist, Center for Astrophysics Harvard & Smithsonian CORF Co-Chairs
10:00	<u>Unintended Electromagnetic Radiation</u> (25 minute talk, 15 minute Q&A) Principal Experimental Scientist, Commonwealth Scientific and Industrial Research Organisation (CSIRO)
10:40	Cosmic Microwave Background and Potential RFI Issues (25 minute talk, 15 minute Q&A) Henry DeWolf Smyth Professor of Physics, Princeton University CORF Member
11:20	Depart for JPL
1:00	SMAP* Mission and its RFI Program Simon Yueh SMAP Project Scientist, JPL
1:30	NISAR* Mission and its Spectrum Needs Section Manager and Supervisor, Radar Science and Engineering, JPL
2:00	Compact Ocean Wind Vector Radiometer (COWVR) and Observed RFI Principal Engineer/Scientist, Aerospace Corporation
2:30	Break for discussions (30 minutes)
3:00	<u>Tour</u>
5:00	Depart for Irvine, CA and committee dinner; adjourn open session
9:00	Adjourn for the day

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FRIDAY, SEPT 19, 2025 - HUNTINGTON ROOM

CLOSED SESSION

9:00 PM Committee Discussion

10:30 Break, move into open session (15 minutes)

OPEN SESSION

Livestream available at CORF meeting page

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10:45 AM Welcome back Karen Masters and Scott Paine

(5 mins) CORF Co-Chairs

10:50 <u>DSA-2000 Updates</u> Vikram Ravi

(25 minute talk, 15 minute Q&A) Professor, Caltech

11:30 <u>EESS (active) Radar Techniques Focused on Cryosphere Work</u> Eric Rignot

(25 minute talk, 15 minute Q&A) Donald Bren Distinguished and Chancellor

Professor of Earth System Science, University of California, Irvine

12:10 Break and Working Lunch (50 minutes)

1:00 Managing Spectrum in Hostile Environments Nick Saunders

(25 min talk, 15 min Q&A) Chief Cybersecurity & Data Officer, Global Space Networks, Viasat

1:40 Break, adjourn open session (20 mins)

CLOSED SESSION

2:00 PM Committee Discussion

4:20 Adjourn

IMPORTANT NOTES

Presenters:

- Please do not include ITAR-controlled or sensitive information in your presentation.
- A National Academies Board staff member will ask you to sign a form before the meeting allowing us
 permission to use your likeness and presentation for our livestream video, which will be posted on our
 Board website after the meeting. Please get in touch with us before the meeting if you have any concerns
 about this usage.

Committee & Board Members and Presenters:

- Remote access will be provided through Zoom. This will allow you to participate in the meeting even if you can't be physically present.
- Please note that Zoom allows audio and any materials exchanged or viewed during the session to be recorded and shared.
- By participating in this activity, you agree to let your voice, likeness, and any materials you provide be recorded for use and dissemination. This includes any language, format, or media now known or later devised.
- You release the National Academies of Sciences, Engineering, and Medicine from any and all claims, liability, or damages arising from any such use. If you disagree, please do not join the session.

The following information is provided for any members of the general public who may be in attendance:

- This meeting is being held to gather information to help the committee in its charge. This committee will examine the information and material obtained during this, and other public meetings, in an effort to inform its work. Although opinions may be stated and lively discussion may ensue, no conclusions are being drawn nor will recommendations be made. Observers who draw conclusions about the committee's work based on this meeting's discussions will be doing so prematurely.
- Furthermore, individual committee members often engage in discussion and questioning for the specific purpose of probing an issue and sharpening an argument. The comments of any given committee member may not necessarily reflect the position he or she may actually hold on the subject under discussion, to say nothing of that person's future position as it may evolve in the course of the project. Any inference about an individual's position are therefore also premature.
- If you would like to join the meeting in-person, please contact the staff officer Christopher Jones (cijones@nas.edu) by noon on Monday, August 11 to arrange attendance and further details.

THANK YOU ALL FOR YOUR COOPERATION, AND WE LOOK FORWARD TO A SUCCESSFUL MEETING.