

2026 Spring Meeting of the

Condensed Matter and Materials Research Committee (CMMRC)

May 7, 2026

Hybrid Meeting and Annual Workshop, Washington DC (also online using Teams/Zoom)

ALL TIMES EASTERN

THURSDAY, MAY 7, 2026 – ACADEMIES' KECK CENTER, ROOM 101

OPEN SESSION

Livestream: <https://vimeo.com/event/5901426>

CLICK HERE TO WATCH

- 9:30 AM** **Welcome, Review of Day, Overview of Recent CMMRC Activities** **Steve Zinkle**
(10 minutes) *Governor's Chair Professor for Nuclear Materials*
University of Tennessee at Knoxville
Co-chairs, CMMRC
- 9:40** **Summary of APS GPS event on "Materials That Learn"** **Chris Jones**
(15 min talk, 5 min Q&A) *CMMRC staff lead*
- 10:00** **Emerging Topic Presentation - Mixed Ion Conductors** **Mircea Dinca**
(25 min talk, 15 min Q&A) *Andrew Stewart 1886 Professor of Chemistry, Princeton University*
- 10:40** *Break (20 minutes)*
- 11:00** **Emerging Topic Presentation - De novo Protein Design** **Neil King (virtual)**
(40 min) *Associate Professor in the Department of Biochemistry, University of Washington*
- 11:40** **Emerging Topic Presentation - Topological Qubits** **Liang Fu**
(25 min talk, 15 min Q&A) *Professor of Physics, Massachusetts Institute of Technology*
- 12:20** *Working lunch (60 minutes)*
- 1:20** **Emerging Topic Presentation - Self-powered Nanomaterials** **Sho Takatori (virtual)**
(25 min talk, 15 min Q&A) *Associate Professor of Chemical Engineering, Stanford University*
- 2:00** **Emerging Topic Presentation - Materials Breakdown** **Robert Kelly (in-person)**
(25 min talk, 15 min Q&A) *Thomas Goodwin Digges Professor of Materials Science, University of Virginia*
- 2:40** **Closeout** **Lisa Manning and Steve Zinkle**
(10 minutes) *Co-chairs, CMMRC*
- 2:50** *Break; Adjourn Open Session (20 minutes)*

- Additional schedule information on page 2 -

IMPORTANT NOTES

CMMRC Fall Meeting
May 7, 2026

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.

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