

2025 Fall Meeting of the
Condensed Matter and Materials Research Committee (CMMRC)
October 22-23, 2025
Virtual Meeting
Online via Zoom and Livestream

WEDNESDAY, OCTOBER 22, 2025

OPEN SESSION

Livestream: see [CMMRC event page](#)

[CLICK HERE TO WATCH](#)

1:00 PM	Review of Day's Agenda (5 minutes)	Lisa Manning <i>William R. Kenan, Jr. Professor of Physics, Syracuse University</i> Steve Zinkle <i>Governor's Chair Professor for Nuclear Materials, University of Tennessee at Knoxville</i> Co-chairs, CMMRC
1:05	"Materials That Learn" Workshop Community Engagement - Key takeaways from workshop (10 minutes) - Discussion with invited guests on how to build momentum (60 minutes)	Lisa and Steve Discussion
2:15	<i>Break (5 minutes)</i>	
2:20	Cutting edge of measurement science for materials: smaller, faster, more precisely (25 minutes talk, 15 minutes Q&A)	Jordi Cabana-Jimenez* <i>Professor, Argonne/University of Illinois at Chicago</i>
3:00	AI and Energy Efficiency, computing and startup perspective (25 minutes talk, 15 minutes Q&A)	Sasi Manipatruni* <i>Chief Technology Officer, Kepler Computing</i>
3:40	<i>Break (20 minutes)</i> (more schedule information on page 2) *: confirmed	
4:00	Self-powered nanomaterials (25 minutes talk, 15 minutes Q&A)	Itai Cohen* <i>Professor, Cornell University</i>
4:40	AIP FYI budget overview (25 minutes talk, 15 minutes Q&A)	Jacob Taylor* <i>Senior Editor, American Institute of Physics</i>
5:20	<i>Adjourn for the day</i>	

IMPORTANT NOTES

Presenters:

- Please do not include ITAR-controlled or sensitive information in your presentation.

(more information on page 2) *: confirmed

CMMRC Fall Meeting
October 22-23, 2025

- 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.