

SCHEDULE AT A GLANCE

2025 APS/CNM USERS MEETING

MONDAY, MAY 5, 2025 Vendor Exhibits Available All Day (Atrium and Lower Gallery)

7:30 Registration Open
7:30 Welcome Coffee
8:00 Visit with Vendors (Atrium and Lower Gallery)

OPENING SESSION (Building 402, APS LECTURE HALL)

8:30 - 8:35 Mingda Li, Chair, APS Users' Executive Committee, and Preston Snee, Chair, CNM Users' Executive Committee, Welcome and Launch of the 2025 Users Meeting
8:35 - 8:45 Paul K. Kearns, Argonne National Laboratory Director, Welcome from the Laboratory
8:50 - 9:15 Andrew Schwartz, Deputy Associate Director, Basic Energy Sciences, Office of Science, U.S. Department of Energy (DOE), DOE Perspective
9:20 - 10:10 Keynote Address: Ting Zhu (Georgia Institute of Technology), Mechanics of Extremely Heterogeneous Materials
10:10 - 10:35 Break
10:35 - 10:55 Laurent Chapon, APS Director, APS Update
10:55 - 11:15 Gary Wiederrecht, Interim CNM Director, CNM Update
11:15 Adjourn
11:15 - 12:00 Visit with Vendors (Atrium and Lower Gallery)
12:00 - 1:30 LUNCH (Building 460, ARGONNE GUEST HOUSE)

USER SCIENCE PLENARY SESSION: DAY 1 (Building 402, APS LECTURE HALL)

1:15 - 1:20 Stuart Stock, Vice-chair, APS Users' Executive Committee
1:20 - 2:00 Rosalind Franklin Young Investigator Award: Lin Gao
2:00 - 2:40 CNM, Wei Bao
2:40 - 3:20 APS, Daniel Shoemaker
3:20 - 3:40 Break
3:40 - 4:20 CNM Keynote Presentation, Deji Akinwande
4:20 - 5:00 APS Keynote Presentation, Karena Chapman
5:00 Adjourn
6:00 - 9:00 Banquet, Bowling, and Bocce at Pinstripes Oak Brook

TUESDAY, MAY 6, 2025 Vendor Exhibits Available All Day (Atrium and Lower Gallery)

7:30	Registration Open	APS Tour Schedule	1:30; 3:00	Pre-registration required for all tours. Meet in Atrium at least five minutes prior to start time.
8:00	Visit with Vendors (Atrium and Lower Gallery)	CNM Bldg. 212/216 Tour Schedule	1:30; 2:30	
		CNM Bldg. 440 Tour Schedule	2:00; 3:00; 4:00	

USER SCIENCE PLENARY SESSION: DAY 2 (Building 402, APS LECTURE HALL)

8:30 - 8:35	Preston Snee, Chair, CNM Users' Executive Committee
8:35 - 9:15	APS, Ian Robinson
9:15 - 9:55	CNM, Dmitri Talapin
9:55 - 10:15	Break
10:15 - 10:55	APS, Efrain Rodriguez
10:55 - 11:35	CNM, Su Ying Quek
11:35	Adjourn
11:35 - 12:00	Visit with Vendors (Atrium and Lower Gallery)
12:00 - 1:30	LUNCH (Building 460, ARGONNE GUEST HOUSE)

PARALLEL FACILITY-SPECIFIC WORKSHOPS

JOINT APS/CNM WK#5 (DAY 1): Emerging Opportunities for Battery Research and Manufacturing: Data-driven Multiscale/Multimodal Analysis 1:30 - 5:00, LOCATION: E1100/1200		APS WK#6: Training Workshop on Combining Reverse Monte Carlo Analysis of X-ray Scattering and Extended X-ray Absorption 1:30 - 5:00, LOCATION: A1100	
1:30 - 1:40	Opening Remarks	1:30 - 1:35	Opening Remarks
1:40 - 2:10	Tanvir Tanim	1:35 - 1:55	Shelly D. Kelly
2:10 - 2:40	Susan Babinec	1:55 - 2:15	Byeongdu Lee
2:40 - 3:10	Jordi Cabana	2:15 - 2:35	Markus Winterer
3:10 - 3:20	Break	2:35 - 2:45	Break
3:20 - 4:20	Ashfia Huq, Carlo Segre, Tao Zhou	2:45 - 4:00	Examples and Demonstration
4:20 - 5:30	Panel Discussion	4:00 - 4:30	Panel Discussion
5:30	Adjourn	4:30	Adjourn

POSTER SESSION (Building 240, Rm. 1416, TCS CONFERENCE CENTER)

12:00 - 2:00	Poster set-up - Shuttles will run between the APS, ANL Guest House, and TCS Conference Center from 12:00 to 2:00 p.m.
5:30 - 8:00	Poster Session - refreshments available - Shuttles will run between the APS, ANL Guest House, and TCS Conference Center from 5:00 to 8:30 p.m.

WEDNESDAY, MAY 7, 2025 Vendor Exhibits Available Through Lunch (Atrium and Lower Gallery)

7:30	Registration Open	APS Tour Schedule	9:00; 2:00	Pre-registration required for all tours. Meet in Atrium at least five minutes prior to start time.
8:00	Visit with Vendors (Atrium and Lower Gallery)	CNM Bldg. 440 Tour Schedule	10:00; 11:00; 2:00;	
			3:00	

PARALLEL FACILITY-SPECIFIC WORKSHOPS

JOINT APS/CNM WK#5 (DAY 2): Emerging Opportunities for Battery Research and Manufacturing: Data-driven Multiscale/Multimodal Analysis 1:30 - 5:00. LOCATION: E1100/1200		CNM WK#4: Probing Fast and Ultrafast Dynamics with Time-resolved Electron Microscopy Spanning from Microseconds to Femtoseconds 8:00 - 5:00. LOCATION: A1100		APS WK#2: Advancing Materials Research: Synergies in Large Scale Simulations and APS-U Imaging and Microscopy Techniques 8:30 - 5:00. LOCATION: Bldg. 402 APS Lecture Hall	
		8:00 - 8:10 Ilke Arslan		8:30 - 9:00 Opening Remarks	
		8:10 - 8:35 David Flannigan		9:00 - 9:30 Anter El-Azab	
		8:35 - 9:00 Suman Kumari		9:30 - 10:00 Felix Hofmann	
		9:00 - 9:20 Haihua Liu		10:00 - 10:30 Break	
		9:20 - 9:40 Burak Guzel Turk		10:30 - 11:00 Subramanian Sankaranarayanan	
		9:40 - 10:00 Bolin Liao		11:00 - 11:30 Youping Chen	
		10:00 - 10:30 Break		11:30 - 12:00 Anthony Rollett	
		10:30 - 10:55 Haidan Wen			
		10:55 - 11:20 Paul Evans			
		11:20 - 12:00 EM Tour (Building 216/212)			
12:00 - 1:30 LUNCH (Building 460, ARGONNE GUEST HOUSE)		12:00 - 1:30 LUNCH (Building 460, ARGONNE GUEST HOUSE)			
1:30 - 1:40	Opening Remarks	1:30 - 1:55	Judith Yang	1:30 - 2:00	Khaled SharafEldin
1:40 - 2:10	Arumugam Manthiram	1:55 - 2:20	Qian Chen	2:00 - 2:30	Leora Dresselhaus-Marais
2:10 - 2:40	Jay Whitacre	2:20 - 2:40	Yuzi Liu	2:30 - 3:00	Stephan O. Hruszkewycz
2:40 - 3:10	Kyeongjae Cho	2:40 - 3:00	Paul Voyles	3:00 - 3:30	Break
3:10 - 3:20	Break	3:00 - 3:30	Break	3:30 - 4:00	Mathew J. Cherukara
3:20 - 3:50	Sili Deng	3:30 - 3:55	Spencer Reisbick	4:00 - 4:30	Paul Evans
3:50 - 4:20	Jinyun (Jared) Liao	3:55 - 4:20	Chris Regan	4:30 - 5:00	Closing Discussion led by Ian McNulty
4:20 - 5:30	Panel Discussion	4:20 - 4:40	Daniel B. Durham	5:00	Adjourn
5:30	Adjourn	4:40 - 5:00	Closing Discussion		
		5:00	Adjourn		

THURDAY, MAY 8, 2025

8:00	Registration Open	APS Tour Schedule 9:00; 2:00 CNM Bldg. 440 Tour Schedule 9:00; 2:00	Pre-registration required for all tours. Meet in Atrium at least five minutes prior to start time.
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PARALLEL FACILITY-SPECIFIC WORKSHOPS

APS WK#7 (DAY 1): X-ray Diffraction Coherent Techniques Applied to Chemistry and Materials Science 8:20 - 12:00, LOCATION: E1100/1200	APS WK#3: Full Field Imaging at APS-U: Back to the Future 8:30 - 5:00, LOCATION: A1100	JOINT APS/CNM WK#1: Leveraging AI and Large Language Models in Scientific User Facilities 8:30 - 5:00, LOCATION: Bldg. 402 APS Lecture Hall
8:20 - 8:30 Opening Remarks	8:30 - 8:35 Opening Remarks	8:30 - 8:45 Opening Remarks
8:30 - 9:00 Stephan O. Hruszkewycz	8:35 - 8:45 Alberto Mittone	8:45 - 9:25 Luca Rebuffi
9:00 - 9:30 Ian Robinson	8:45 - 9:15 Stuart Stock	9:25 - 10:05 Alexander Hexemer
9:30 - 10:00 Florian Meneau	9:15 - 9:45 Nuno Macarico da Costa	10:05 - 10:15 Break
10:00 - 10:20 Break	9:45 - 10:15 Jake Socha	10:15 - 10:55 Vivek Thampy
10:20 - 10:50 Andrej Singer	10:15 - 10:30 Break	10:55 - 11:35 Kibaek Kim
10:50 - 11:10 Ross Harder	10:30 - 11:00 Nikhilesh Chawla	11:35 - 12:15 Apurva Mehta
11:10 - 12:00 Coherent Beamline Visits	11:00 - 11:30 Tao Sun	
12:00 Adjourn	11:30 - 12:00 Conghao Yi	

12:00 - 1:30 LUNCH (Building 460, ARGONNE GUEST HOUSE)

1:00 - 2:00 IMG Beamline Visits	1:30 - 2:10 Esther Tsai
2:00 - 2:30 Douglas Lars Nelson	2:10 - 2:50 Chris Lu
2:30 - 3:00 Eva Allen	2:50 - 3:30 Daniil A. Boiko
3:00 - 3:40 Songyuan Tang	3:30-3:40 Break
3:40 - 3:55 Break	3:40 - 3:55 Aileen Luo
3:55 - 4:30 Xiaoyang Liu	3:55 - 5:30 Xiangyu Yin and Tutorials
4:30 - 4:55 Viktor Nikitin	5:30 Closing Remarks
4:55 - 5:00 Closing Remarks	5:35 Adjourn
5:00 Adjourn	

FRIDAY, MAY 9, 2025

**APS WK#7 (DAY 2): X-ray Diffraction Coherent Techniques
Applied to Chemistry and Materials Science**

8:00 - 12:00, LOCATION: E1100/1200

8:00 - 8:10	Opening Remarks
8:10 - 8:40	Mathew Cherukara
8:40 - 9:10	G. Brian Stephenson
9:10 - 9:40	Roopali Kukreja
9:40 - 10:00	Eric M. Dufresne
10:00 - 10:20	Break
10:20 - 10:50	Hanfei Yan
10:50 - 11:20	Paul Fenter
11:20 - 11:40	Hua Zhou
11:40 - 12:00	Closing Remarks
12:00	Adjourn

THANK YOU FOR ATTENDING!

