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	Preson 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

1:30 - 1:40	Opening Remarks
1:40 - 2:10	Tanvir Tanim
2:10 - 2:40	Susan Babinec
2:40 - 3:10	Jordi Cabana
3:10 - 3:20	Break
3:20 - 4:20	Ashfia Huq, Carlo Segre, Tao Zhou
4:20 - 5:30	Panel Discussion
5:30	Adjourn

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 - 1:35	Opening Remarks
1:35 - 1:55	Shelly D. Kelly
1:55 - 2:15	Byeongdu Lee
2:15 - 2:35	Markus Winterer
2:35 - 2:45	Break
2:45 - 4:00	Examples and Demonstration
4:00 - 4:30	Panel Discussion
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

12:00 - 1:30	LUNCH (Building 460, ARGONNE GUEST HOUSE)
1:30 - 1:40	Opening Remarks
1:40 - 2:10	Arumugam Manthiram
2:10 - 2:40	Jay Whitacre
2:40 - 3:10	Kyeongjae Cho
3:10 - 3:20	Break
3:20 - 3:50	Sili Deng
3:50 - 4:20	Jinyun (Jared) Liao
4:20 - 5:30	Panel Discussion
5:30	Adjourn

CNM WK#4: Probing Fast and Ultrafast Dynamics with Time-resolved Electron Microscopy Spanning from Microseconds to Femtoseconds

8:00 - 5:00, LOCATION: A1100

8:00 - 8:10	Ilke Arslan
8:10 - 8:35	David Flannigan
8:35 - 9:00	Suman Kumari
9:00 - 9:20	Haihua Liu
9:20 - 9:40	Burak Guzelturk
9:40 - 10:00	Bolin Liao
10:00 - 10:30	Break
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)
1:30 - 1:55	Judith Yang
1:55 - 2:20	Qian Chen
2:20 - 2:40	Yuzi Liu
2:40 - 3:00	Paul Voyles
3:00 - 3:30	Break
3:30 - 3:55	Spencer Reisbick
3:55 - 4:20	Chris Regan
4:20 - 4:40	Daniel B. Durham
4:40 - 5:00	Closing Discussion
5:00	Adjourn

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

8:30 - 9:00	Opening Remarks
9:00 - 9:30	Anter El-Azab
9:30 - 10:00	Felix Hofmann
10:00 - 10:30	Break
10:30 - 11:00	Subramanian Sankaranarayanan
11:00 - 11:30	Youping Chen
11:30 - 12:00	Anthony Rollett
1:30 - 2:00	Khaled SharafEldin
2:00 - 2:30	Leora Dresselhaus-Marais
2:30 - 3:00	Stephan O. Hruszkewycz
3:00 - 3:30	Break
3:30 - 4:00	Mathew J. Cherukara
4:00 - 4:30	Paul Evans
4:30 - 5:00	Closing Discussion led by Ian McNulty
5:00	Adjourn

THURDAY, MAY 8, 2025

8:00	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.**
CNM Bldg. 440 Tour Schedule	9:00; 2:00	

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

8:20 - 8:30	Opening Remarks
8:30 - 9:00	Stephan O. Hruszkewycz
9:00 - 9:30	Ian Robinson
9:30 - 10:00	Florian Meneau
10:00 - 10:20	Break
10:20 - 10:50	Andrej Singer
10:50 - 11:10	Ross Harder
11:10 - 12:00	Coherent Beamline Visits
12:00	Adjourn

APS WK#3: Full Field Imaging at APS-U: Back to the Future
8:30 - 5:00, LOCATION: A1100

8:30 - 8:35	Opening Remarks
8:35 - 8:45	Alberto Mittone
8:45 - 9:15	Stuart Stock
9:15 - 9:45	Nuno Macarico da Costa
9:45 - 10:15	Jake Socha
10:15 - 10:30	Break
10:30 - 11:00	Nikhilesh Chawla
11:00 - 11:30	Tao Sun
11:30 - 12:00	Conghao Yi

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

8:30 - 8:45	Opening Remarks
8:45 - 9:25	Luca Rebuffi
9:25 - 10:05	Alexander Hexemer
10:05 - 10:15	Break
10:15 - 10:55	Vivek Thampy
10:55 - 11:35	Kibaek Kim
11:35 - 12:15	Apurva Mehta

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

1:00 - 2:00	IMG Beamline Visits
2:00 - 2:30	Douglas Lars Nelson
2:30 - 3:00	Eva Allen
3:00 - 3:40	Songyuan Tang
3:40 - 3:55	Break
3:55 - 4:30	Xiaoyang Liu
4:30 - 4:55	Viktor Nikitin
4:55 - 5:00	Closing Remarks
5:00	Adjourn

1:30 - 2:10	Esther Tsai
2:10 - 2:50	Chris Lu
2:50 - 3:30	Daniil A. Boiko
3:30-3:40	Break
3:40 - 3:55	Aileen Luo
3:55 - 5:30	Xiangyu Yin and Tutorials
5:30	Closing Remarks
5:35	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!

APS/CNM USERS MEETING -2025-

Argonne NATIONAL LABORATORY