

2017 APS/CNM Users Meeting - Schedule at a Glance


Monday, May 8th

Vendor exhibits open daily Monday through Wednesday in the Gallery (lower level), the Atrium (first floor), and behind the APS Lecture Hall. Break time snacks offered in all locations!

Opening Session (Bldg. 402, APS Lecture Hall)

7:30	Registration Open
7:30	Welcome Coffee
8:30 - 8:35	Jason Benedict (APS/USO Chair) and Yasuo Ito (CNM Users Executive Committee), Welcome and Launch of the 2017 Meeting
8:35 - 8:45	Paul K. Kearns, Interim Laboratory Director, <i>Welcome from the Laboratory</i>
8:45 - 9:00	Paul Runci (Pacific Northwest National Laboratory and Chair, Board of Directors for the Society for Science at User Research Facilities, SSURF), <i>Introducing the Society for Science at User Research Facilities</i>
9:00 - 9:05	Goran Karapetrov (Drexel University), <i>Introduction of Keynote Speaker</i>
9:05 - 9:55	Keynote Speaker: Eli Yablonovitch (University of California, Berkeley), <i>The Scientific Challenge of Replacing the Transistor with a Lower Voltage Device</i>
9:55 - 10:20	Break
10:20 - 10:35	Stephen Streiffer, APS Director, <i>APS Update</i>
10:35 - 10:50	Supratik Guha, CNM Division Director, <i>CNM Update</i>
10:50 - 11:05	Jim Kerby, APS Upgrade, <i>APS Upgrade Update</i>
11:05 - 11:10	Jason Benedict, Chair, APS Users Organization, <i>Introduction of the Speed Science Slam</i>
11:10 - 12:00	S3: Speed Science Slam
12:00 - 1:30	Lunch (Tent) (NOTE: APS Plenary begins at 1:00, CNM at 1:30)

Parallel Plenary Sessions

APS (Bldg. 402, APS Lecture Hall)	CNM (Bldg. 401, Rooms A1100)	Need a Coffee Break? --the Gallery on the lower level --the Atrium --behind the APS Lecture Hall	Thank you to our meeting sponsor:  Agilent Technologies	Poster Session set up will take place on Tuesday, May 9. For poster set up, shuttle buses and vans will run between 12 noon and 2:00 pm between the APS, the Guest House, and the TCS, Bldg. 240.
1:00 - 1:35	Peter Voorhees			
1:35 - 2:10	John Maio	2:00 - 2:30	David Fenning	
2:10 - 2:45	Hongcai Joe Zhou	2:30 - 3:00	Anand Bhattacharya	
2:45 - 3:00	Break	3:00 - 3:20	Break	
3:00 - 3:25	Invited Student: Michael Whittaker	3:20 - 3:30	Yasuo Ito	
3:25 - 3:50	Dean Haefner	3:30 - 4:00	Diana Berman	
3:50 - 4:25	Tom O'Halloran	4:00 - 4:30	Yuan Zhang	
4:25 - 5:10	Keynote: Elizabeth Rampe	4:30 - 4:45	Invited Student: Lin Chen	
6:15 - 9:00	Social Event: Banquet at Meson Sabika, (buses depart promptly at 5:30 pm from the front of APS and the AGH--bring your gate pass, ID, and banquet ticket with you!)			

Tuesday, May 9th

7:30	Welcome Coffee								
8:00	Registration Open								
12:00 - 1:30	Joint Meeting APS User Organization Steering Committee and Partner User Council (Bldg. 401, A5000 Gallery)								
5:30 - 8:00	Poster Session and Reception (Bldg. 240 TCS--bus transportation provided between APS, Guest House, and TCS)								
APS WK 1: High-energy Resolution Inelastic X-ray Scattering Workshop (Bldg. 402, Rm. E1100/1200)	APS WK2: Even Small Wavelengths, When Bright Enough, Have Big Data Problems (Bldg. 401, Rm. A5000)	CNM WK3: Transient Spectroscopy and Non-equilibrium Dynamics of 2D Materials (Bldg. 401, A1100)	CNM WK4: Machine Learning and Data Science in Materials Modeling, Imaging and Applications (APCF Auditorium)	Symposium: Structure-Based Drug Discovery: The Next 25 Years (Bldg. 402, Lecture Hall)					
8:30 - 8:35	Stephen Streiffer, Welcome	8:30 - 8:40	Reeju Pokharel	8:30 - 8:40	Lisa Keefe				
8:35 - 8:40	Ahmet Alatas	8:40 - 9:30	Charles A. Bouman	8:45 - 9:25	Richard Schaller	8:40 - 8:50	Vincent Stoll		
8:40 - 8:50	Michael Hu	9:30 - 10:20	Edwin Fohtung	9:25 - 10:05	Aaron Lindenberg	9:20 - 10:00	Andrew Ferguson	8:50 - 9:05	Suresh Sunderrajan
8:50 - 9:25	Frank Weber	10:20 - 10:40	Break/Workshop Photo	10:05 - 10:35	Break	10:00 - 10:20	Break	9:05 - 9:15	Stephen Streiffer
9:25 - 10:00	Sofia Michaela Souliou	10:40 - 11:30	Kevin Yager	10:35 - 11:15	Xiaodong Xu	10:20 - 11:00	Charles A. Bouman	9:15 - 10:00	Keynote: Vadim Cherezov
10:00 - 10:20	Break/Workshop Picture	11:30 - 12:20	Shiu Fai Frankie Li	11:15 - 11:55	Ken Kuno	11:00 - 11:40	Youssef Nashed	10:00 - 10:15	Break
10:20 - 10:55	Oliver Delaire	12:20 - 1:30	Lunch (Tent)	12:00 - 1:30	Lunch (Tent)	11:40 - 1:00	Lunch (Tent)	10:15 - 11:00	Keynote: Clint Potter
10:55 - 11:30	Felix Flicker	1:30 - 2:20	Stephen R. Niezgoda	1:30 - 2:10	Xiaoyang Zhu	1:00 - 1:40	Aggelos Katsagelos	11:00 - 11:30	Stephen Soisson
11:30 - 12:05	Dipanshu Bansal	2:20 - 3:00	Hemant Sharma	2:10 - 2:50	Tong Zhu	1:40 - 2:20	Rafael Jaramillo	11:30 - 12:00	Vincent Stoll
12:05 - 1:30	Lunch (Tent)	3:00 - 3:20	Break	2:50 - 3:20	Break	2:20 - 2:40	Break	12:00 - 1:15	Lunch (Tent)
1:30 - 2:05	Mathieu Roskosz	3:20 - 4:10	Jan Ilavsky and Peter Jemian	3:20 - 4:00	Elaine Li	2:40 - 3:20	James Rondinelli	1:15 - 1:45	Steven Sheriff
2:05 - 2:40	Daniel Perez Lozano	4:10 - 4:50	Sven C. Vogel	4:00 - 4:40	Michael Man	3:20 - 4:00	Turab Lookman	1:45 - 2:15	Richard Alexander
2:40 - 3:15	Jennifer Jackson	4:50 - 5:00	Turab Lookman	4:40 - 5:00	Closing Remarks	4:00 - 4:30	Closing Remarks	2:15 - 2:45	Matt Calabrese
3:15 - 3:35	Break							2:45 - 3:00	Break
3:35 - 4:10	Jason Hancock							3:00 - 3:30	Sarah L. Perry
4:10 - 4:45	Dmitry Reznik							3:30 - 4:00	Artem Evdokimov
4:45 - 5:20	Riccardo Comin							4:00 - 4:30	Clemens Schulze-Briese
5:20 - 5:30	Ercan Alp							4:30 - 5:00	Srinivas Chakravarthy
								5:00 - 5:05	Concluding Remarks

Wednesday, May 10th

7:30	Welcome Coffee								
8:00	Registration Open (until 1:30 pm)								
12:00 - 1:30	CNM Users Executive Committee Meeting (Bldg. 440, Room A105/106)								
CNM WK5: Materials with Unique Nano-architectures: Fabrication, Theory, and Characterization (Bldg. 440, Rm. A105/106)	APS/CNM WK6: Nanodiffraction in Materials, Chemistry, and Physics: Scientific Opportunities (Bldg. 401, Rm. A5000)	APS WK7: High-resolution Fluorescence Detection: Advanced X-ray Emission and Absorption Spectroscopy Studies Towards an Upgraded APS (APS-U) (Bldg. 401, Rm. A1100)	APS WK9: X-ray Characterization of Materials Evolution: The State-of-the-Art (Bldg. 402, Rm. E1100/E1200)	APS/CNM WK10: Multimodal, Operando Imaging Materials, Devices, and Architectures for Neuromorphic Computing (APCF Auditorium)					
9:15 - 9:30	Opening Remarks	8:30 - 8:45	Zhonghou Cai	8:30 - 8:35	Ashwin Shahani	8:45 - 9:00	Supratik Guha		
9:30 - 10:00	Joselle McCracken	8:45 - 9:20	Felix Hofmann	8:35 - 9:10	Tao Sun	9:00 - 9:30	Joshua Yang		
10:00 - 10:30	HongYou Fan	9:20 - 9:55	Lincoln Lauhon	9:10 - 9:45	Lianyi Chen	9:30 - 10:00	Wei Lu		
10:30 - 10:45	Break	9:55 - 10:10	Break	9:45 - 10:20	Robert Suter	10:00 - 10:30	John Paul Strachan		
10:45 - 11:15	Sanket Deshmukh	10:10 - 10:45	Joseph Heremans	10:20 - 10:50	Break/Workshop Picture	10:30 - 11:00	Break		
11:15 - 11:45	Chengde Mao	10:45 - 11:20	Vincent Jacques	9:15 - 9:40	Nikhilesh Chawla	11:00 - 11:30	Charudatta Phatak		
12:00 - 1:30	Lunch (Tent)	11:20 - 12:00	Panel Discussion	9:40 - 10:05	Yulia Pushkar	11:25 - 12:00	Peter Voorhees	11:30 - 12:00	Bilge Yildiz
1:30 - 2:00	Yongfeng Mei	12:00 - 1:30	Lunch (Tent)	10:05 - 10:30	Break	12:00 - 1:00	Lunch (Tent)	1:30 - 2:00	Shriram Ramathan
2:00 - 2:30	David H. Gracias	1:30 - 2:05	Ian Robinson	10:30 - 11:00	Kenneth Finkelstein	1:00 - 1:35	Amy Clarke	2:00 - 2:30	Junjing Deng
2:30 - 2:45	Break	2:05 - 2:40	Virginie Chamard	11:00 - 11:30	Niranjan Govind	1:35 - 2:10	Ashwin Shahani	2:30 - 3:00	Jerry Ziwen Wang
2:45 - 3:15	Byeongdu lee	2:40 - 3:00	Break	11:30 - 11:55	Antonio Miceli	2:10 - 2:45	Michael Dudley	3:00 - 3:15	Break
3:15 - 3:45	Arthi Jayaraman	3:00 - 3:35	Haidan Wen	11:55 - 12:00	Closing Remarks	3:15 - 3:50	Zonghai Chen	3:15 - 3:45	Dillon Fong
3:45 - 4:00	Closing Remarks	3:35 - 4:10	Anastasios Pateras			4:25 - 5:00	Feng Lin	3:45 - 4:15	Young-Sang Yu
4:00	Tour of CNM and APS	4:10 - 4:40	Panel Discussion			5:00 - 5:15	Xianghui Xiao	4:15 - 4:45	David Guzman
		4:40 - 4:55	Zhonghou Cai					4:45 - 5:00	Closing Remarks

Thursday, May 11th

CNM Short Courses (pre-registration required)		Friday, May 12th	
Short Course A	Bldg. 212, A157 (morning)	Satellite Course: SAXS Software Packages Irena and Nika	
Short Course B	Bldg. 440, A105/106 (morning)		
Short Course C	Sector 26 Control Room (morning)		
Satellite Course: SAXS Software Packages Irena and Nika			
9:00 - 4:30	Building 401, A5000	9:00 - 4:30	Building 401, A5000
		3:15 - 3:45	David Akey
		3:45 - 4:15	Diana Tomchick
		4:15 - 4:45	Wladec Minor
		4:45 - 5:00	Karolina Michalska