

Teachers' Workshop 2016

Friday December 2nd, 2016

9:00 - 9:30	Welcome Orientation	Anna-Maria Boechler, Education Coordinator
9:30 - 10:30	The Brightest Light in Canada	Dr. Robert Lamb, CEO of CLS
10:30 - 10:45	Break	
10:45 - 12:00	Tour of Facility	Dr. Robert Blyth, Manager Science Projects & Tracy Walker, Education Programs Lead
12:00 - 12:30	Lunch	
12:30 - 1:30	Synchrotron Techniques - What Happens When Light Interacts With Matter?	Dr. Robert Blyth, Manager Science Projects
1:30 - 3:00	Students on the Beamlines: Process & Projects	Education Team
3:00 - 3:15	Break	
3:15 - 4:30	Students on the Beamlines: Roles, Challenges, & Proposals	Education Team
5:00	PIZZA	
5:30	Canada's Brightest Light Shines on Farms	Dr. Chithra Karunakaran, Environmental & Earth Sciences Manger

Saturday December 3rd, 2016

8:30 - 9:30	Mercury Adventures in the Animal Kingdom	Dr. Gosia Korbas, Staff Scientist - BioXAS
Breakout Sessions		
9:30 - 10:55	REIXS Surface Science Facility: XPS and LEED Dr. Ronny Sutarto, Research Associate XPS	Crystals & Diffraction: Biology Anyone? Dr. Shaun Labiuk, Research Associate - CMCF
10:55 - 11:10	Break	
Breakout Sessions		
11:10 - 12:30	REIXS Surface Science Facility: XPS and LEED Dr. Ronny Sutarto, Research Associate XPS	Crystals & Diffraction: Biology Anyone? Dr. Shaun Labiuk, Research Associate - CMCF
12:30 - 1:00	Lunch	
1:00 - 2:30	Connecting Back to the Curriculum	Tracy & Anna-Maria
2:30 - 2:45	Break	
2:45 - 4:30	Properties of Light Exploited by Synchrotron Research & Imaging	Dr. Dean Chapman, CLS Director of Science & Canada Research Chair in Synchrotron Imaging, Usask

Sunday December 4th, 2016

8:30 - 9:30	What can you learn from Mid-Infrared Light?	Dr. Scott Rosendahl, Staff Scientist - Mid IR
Breakout Sessions		
9:30 - 10:55	IDEAS: Discovering X-Ray Spectra Dr. David Muir, Staff Scientist - IDEAS & Tracy Walker Education Programs Lead	Mid IR in action Burgess Research Group beamtime – Tyler Morhart
10:55 - 11:10	Break	
Breakout Sessions		
11:10 - 12:30	IDEAS: Discovering X-Ray Spectra Dr. David Muir, Staff Scientist - IDEAS & Tracy Walker Education Programs Lead	Mid IR in action Burgess Research Group beamtime – Tyler Morhart
12:30 - 1:00	Lunch	
1:00 - 2:00	Stories Wrapped in the Rings	Dr. Colin Laroque, Professor at USask and CLS User
2:00 - 2:15	Break	
2:15 - 3:30	Closing - What Can You Take Away	Tracy Walker, Education Programs Lead & Anna-Maria Boechler, Education Coordinator