

Inaugural Symposium

This research has been undertaken thanks to funding from the Canada First Research Excellence Fund.

Program **Monday, August 29, 2016** | Marquis Hall, University of Saskatchewan
Saskatoon, Saskatchewan Canada

7:45 to 8:45 am	Transportation departs the Saskatoon Central Business District for Marquis Hall (<i>Buses will run continuously from 7:45 to 8:45 a.m.</i>)	
8:00 to 9:00 am	Registration and Continental Breakfast	
9:00 to 9:45 am	P²IRC Launch & Media Event - 'The Bowl' (outdoors*) Dr. Karen Chad , Vice-President Research, University of Saskatchewan Dr. B. Mario Pinto , President, Natural Sciences and Engineering Research Council of Canada (NSERC) William Greuel , Assistant Deputy Minister, Government of Saskatchewan His Worship Mayor Donald Atchison , City of Saskatoon Dr. Peter Stoicheff , President, University of Saskatchewan Dr. Maurice Moloney , P ² IRC Program Director, Executive Director & CEO, Global Institute for Food Security	
9:45 to 10:15 am	'The Bowl' (outdoors - weather permitting) Equipment Demonstration Draganfly Innovations and Dr. Reza Fotouhi	
10:15 to 10:25 am	Marquis Hall Opening Remarks Dr. Maurice Moloney , P ² IRC Program Director, Executive Director & CEO, Global Institute for Food Security	
10:25 to 10:45 am	NSERC 2020 Strategy Dr. B. Mario Pinto , NSERC	
10:45 to 11:30 am	Keynote <i>Algorithmic Botany</i> Dr. Przemyslaw Prusinkiewicz , University of Calgary	
11:30am to 12:15 pm	Keynote <i>Lessons Learned in Cutting-Edge Phenotyping at Jülich Forschungszentrum</i> Professor Ulrich Schurr (P ² IRC International Scientific Advisory Committee (ISAC)), Forschungszentrum Jülich	
12:15 to 1:00 pm	Lunch	
1:00 to 1:45 pm	Keynote <i>Challenges of Phenotyping for Modern Plant Breeding</i> Professor Peter Langridge (ISAC), University of Adelaide	
1:45 to 2:30 pm	Keynote <i>Applications of Synchrotron Radiation to Biological Imaging</i> Dr. Jean Susini (ISAC), The European Synchrotron	
2:30 to 3:00 pm	Break	
3:00 to 4:30 pm	"Pillar Highlights" presented by the P²IRC Principle Investigators and Theme Leads	
4:30 to 4:40 pm	Closing Remarks Dr. Maurice Moloney	
5:00 to 6:30 pm	Tours of Canadian Light Source – <i>Transportation departs Marquis Hall at 4:45 p.m. (optional, prior registration required)</i>	
5:30 to 7:00 pm	Networking Reception	
7:00 to 9:30 pm	7:00 pm	Dinner sponsored by the office of His Worship Mayor Atchison
	8:30 pm	<i>Dinner Speaker</i> <i>Communicating Science in a Social Media World</i> Dr. Stuart Smyth , University of Saskatchewan
	9:00 to 9:30 pm	Transportation departs Marquis Hall for the Saskatoon Central Business District (<i>Buses will depart at 9:00 and 9:30 p.m.</i>)

* In the event of rain, an alternate location will be announced.

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Program Tuesday, August 30, 2016

Marquis Hall, University of Saskatchewan
Saskatoon, Saskatchewan Canada

7:45 to 8:45 am	Transportation departs the Saskatoon Central Business District for Marquis Hall (<i>Buses will run continuously from 7:45 to 8:45 a.m.</i>)		
8:00 to 9:00 am	Registration and Continental Breakfast		
9:00 to 10:45 am	Marquis Hall, Garry Room <i>Image Acquisition Tools and Techniques</i> Professor John Doonan (ISAC), Dr. Scott Noble, Dr. Steve Shirliffe, Dr. Ian Stavness, and Dr. Kevin Stanley	Marquis Hall, Exeter Room <i>From Bioinformatics through Phenoinformatics</i> Professor Mario Caccamo (ISAC), Kevin Koh, Lacey-Anne Sanderson, Dr. Michael Horsch, Dr. Ralph Deters, and Dustin Cram	Murray Library, Room 299 <i>Robotics and Sensors for Phenotyping</i> Dr. Reza Fotouhi, Dr. Aryan Saadat Mehr, Dr. Khan Wahid, and Dr. Daryl Somers
10:45 to 11:15 am	Break		
11:15 am to 12:00 pm	Keynote - <i>Deep Learning in Image-Based Phenotyping</i> Professor Tony Pridmore (ISAC), University of Nottingham		
12:00 to 1:15 pm	Lunch		
1:15 to 3:00 pm	Marquis Hall, Garry Room <i>Root Phenotyping</i> Dr. Leon Kochian, Dr. Steve Siciliano, and Dr. Mark Eramian	Marquis Hall, Exeter Room <i>The P²IRC Cloud</i> Dr. Kevin Schneider, Dr. Carl Gutwin, Dr. Ralph Deters, Dr. Chanchal Roy, Dr. Dwight Makaroff, and Dr. Banani Roy	
	Murray Library, Room 299 <i>Social License and Public Engagement in Digital Agriculture</i> Dr. Peter Phillips, Dr. Albert Ugochukwu, Dr. Stuart Smyth, and Dr. Jill Hobbs	Physics, Room 165 <i>Sensing and Image Processing for Plant Phenotyping Roundtable</i> Moderators: Dr. Ian Stavness and Dr. Kevin Stanley	
3:00 to 3:30 pm	Closing Remarks - Dr. Maurice Moloney		
3:30 pm	Transportation for all attendees to Agar's Corner Country House (<i>Departures at 3:30 and 3:45 p.m.</i>)		
4:00 to 9:00 pm	4:00 pm End-User Event and Meeting Wrap-Up at Agar's Corner Country House		
	5:00 to 6:00 pm <i>Panel Discussion</i> featuring Producer Groups and P²IRC Researchers Moderator: Dr. Maurice Moloney		
	6:15 pm Dinner		
	8:30 to 9:00 pm Transportation departs Agar's Corner for the Saskatoon Central Business District (<i>Buses will depart at 8:30, 8:45, and 9:00 p.m.</i>)		

Event Transportation Schedule

Monday, August 29, 2016		Tuesday, August 30, 2016	
7:45 to 8:45 a.m.	Transportation departs the Saskatoon Central Business District for Marquis Hall <i>Pick-Up* Times: 7:45, 8:05, 8:25, 8:45</i> <i>*Buses will load south of the James Hotel across from the Sheraton Cavalier on northbound Spadina</i> <i>Marquis Hall Drop-Off Times: 7:55, 8:15, 8:40, 9:00</i>	7:45 to 8:45 a.m.	Transportation departs the Saskatoon Central Business District for Marquis Hall <i>Pick-Up* Times: 7:45, 8:05, 8:25, 8:45</i> <i>*Buses will load south of the James Hotel across from the Sheraton Cavalier on northbound Spadina</i> <i>Marquis Hall Drop-Off Times: 7:55, 8:15, 8:40, 9:00</i>
4:45 p.m.	Tours of Canadian Light Source (Optional, Prior Registration Required) Transportation departs Marquis Hall at 4:45 p.m.	3:30 p.m.	Transportation begins for all attendees to Agar's Corner Country House (<i>3 departures at 3:30 and 3 departures at 3:45 p.m.</i>)
6:30 p.m.	Tours of Canadian Light Source (CLS) Transportation departs CLS at 6:30 p.m.	8:30 p.m.	Transportation departs Agar's Corner Country House for the Saskatoon Central Business District and Marquis Hall (<i>2 departures at 8:30, 2 departures at 8:45, and 2 departures at 9:00 p.m.</i>)
9:00 to 9:30 p.m.	Transportation departs Marquis Hall for the Saskatoon Central Business District <i>Marquis Hall Pick-Up Times: 9:00, 9:30</i> <i>Drop-Off* Times: 9:20, 9:50</i> <i>*Buses will unload south of the James Hotel across from the Sheraton Cavalier on northbound Spadina</i>		