

**7<sup>th</sup> Annual Users' Meeting Program**  
**Saturday, November 20, 2004**

Biology 106 and the Geology Atrium, University of Saskatchewan

<b>Time</b>	<b>Title of Talk</b>	<b>Speakers/Session Chair</b>
7:30	<b>Meeting Registration &amp; Poster Set-Up – Geology Atrium (coffee available)</b>	
<b>Session 1: Introduction and Status of the CLS</b>		<b>Alan Anderson</b>
8:00	Welcome	Alan Anderson, UAC Chair
8:05	Progress and Promises	William Thomlinson, Executive Director, CLSI
8:20	Canadian Light Source: Storage Ring Status	Les Dallin, CLSI
8:35	CLSI Scientific Advisory Committee (SAC)	Bruce Gaulin, SAC Chair
<b>Session 2: Protein Crystallography</b>		<b>Michele Loewen, Chair</b>
8:45	Structure-based function identification of selected <i>E.coli</i> protein targets	Zongchao Jia Dept. of Biochemistry, Queen's University
9:25	Visualizing recombinase in action	Yu Luo Dept. of Biochemistry, University of Saskatchewan
9:45	<b>Coffee Break Sponsored by Johnsen Ultravac</b>	
<b>Session 3: Materials Science</b>		<b>Alex Moewes, Chair</b>
10:05	Optimization of contacts for state-of-the-art CMOS devices: Advantage of <i>in situ</i> characterization using synchrotron radiation	Christian Lavoie IBM, Yorktown Heights, NY
10:45	Inelastic x-ray scattering – a new probe of condensed matter	Young-June Kim Dept. of Physics, Brookhaven, NY
11:05	Hole crystallization in the spin ladder of Sr14Cu24O41	Peter Abbamonte NSLS - Brookhaven, NY
11:45	Introducing Lightsources.org - a global synchrotron promotional tool	Neil Calder, SLAC Communications Director
11:55	UAC business and elections	Michelle Loewen
12:10	<b>Lunch Geology Atrium</b>	
<b>Lunchtime discussion:</b>		
12:30	Beam time request process	Lavina Carter, CLSI User Services Administrator
12:55	SAC question/answer period	Bruce Gaulin, SAC Chair & SAC members
<b>Session 4: X-ray Scattering</b>		<b>Jim Britten, Chair</b>
13:30	Time-resolved synchrotron crystallography of transient excited states of complex molecules	Philip Coppens Dept. of Chemistry, University of Buffalo, NY
14:10	Resolving the structure and composition of self-assembled Ge islands on Si by anomalous x-ray scattering	Stefan Kycia Dept. of Physics, University of Guelph
14:30	Ge/Si intermixing in the growth of Ge on Si	Federico Rosei INRS-Energie, Matériaux et Telecommunications, Université du Québec
14:50	<b>Coffee Break Sponsored by Carlson Wagonlit (Downtown Saskatoon)</b>	
<b>Session 5: X-ray Spectroscopy</b>		<b>Farideh Jalilehvand, Chair</b>

15:10	Biological X-ray absorption spectroscopy – from molecules to whole tissues	Graham George Dept. of Geological Sciences, UofS, Saskatoon
15:50	Spectroscopic study of magnetic thin films with modified magnetic anisotropy	Gap Soo Chang Dept. of Physics, UofS, Saskatoon
16:10	<b>Poster Session and Wine &amp; Cheese – Geology Atrium</b>	
18:30	<b>Annual Users' Meeting Banquet - Marquis Hall</b> <ul style="list-style-type: none"> <li>• CISR Student Poster Award Presentation</li> </ul>	

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