

Time	Presenter	Title
<b>Thursday, April 5<sup>th</sup></b>		
8:00 am		<i>Coffee and Snacks</i>
<b>Session 1</b>		
8:15 am	Brette Harris	Chemostratigraphy and sedimentology of the Devonian Hare Indian Formation, Northwest Territories, Canada
8:30 am	Nabilah Adani	Paleogeographic Reconstruction and Tight Sandstone Reservoir Characterization of the Falher "F" Member of the Spirit River Formation in Western Alberta
8:45 am	Elaine Lord	Sedimentology of the Alberta Salts: a world without compare
9:00 am	Morgan Snyder	Salty stuff: integrating seismic, bathymetry, aeromagnetic, and field data to understand deformation in Bay St. George, southwest Newfoundland
9:15 am	Alison Thomas	Multidisciplinary investigation of primary and secondary salt welds in the late Paleozoic Antigonish sub-basin of Nova Scotia
9:30 am	Jared Kugler	Seismic and outcrop investigation of fault development in the transtensional Moncton Subbasin at the McCully gas field, southern New Brunswick, Canada
9:45 am	Hanna Brooks	Mineral solubility in complex saline aqueous fluids at crustal and upper mantle conditions
10:00 am		<i>Coffee and Snacks</i>
<b>Session 2</b>		
10:15 am	Mei Yan Lai	Spectroscopic analysis of yellow diamond
10:30 am	Matthew Wudrick	Age and Characteristics of the Lithospheric Mantle Beneath the Karowe Diamond Mine, Botswana
10:45 am	Xinchen Xia	Mineral inclusions in diamonds from Chidliak (Nunavut, Canada): constraining the source paragenesis

11:00 am	Denelle Smyth	Preliminary Petrology of the Pikoo Kimberlites, Saskatchewan
11:15 am	Natasha Baret	Geochemical and Os Isotope signatures in the SW Pacific lithospheric mantle: insights from Fijian Island xenoliths
11:30 am	Margo Regier	A cross section of oxygen isotopes in the deep mantle
11:45 am	<b>Lunch</b>	
<b>12:00 pm</b>	<b>KEYNOTE SPEAKER Dr. Reed Scherer in Tory 3-36</b> "What a tiny fossil can teach us about a big ice sheet"	
	<b>Session 3</b>	
1:15 pm	Jamie Robbins	The biological origin to banded iron formation
1:30 pm	Konstantin Von Gunten	Life at a permeable reactive barrier – metal contamination-induced changes in the microbial community
1:45 pm	Brendan Bishop	Surface reactivity of cyanobacteria: Implications for marine trace metal availability
2:00 pm	Tyler Warchola	Chemostratigraphy of the Boolgeeda Iron Formation, Western Australia
<b>5:30 – 8:00 pm</b>	<b>Undergraduate Poster Session at PCL Lounge in the Centennial Centre for Interdisciplinary Sciences</b>	

Time	Presenter	Title
<b>Friday, April 6<sup>th</sup></b>		
7:45 am		<i>Coffee and Snacks</i>
<b>Session 4</b>		
8:00 am	Weiduo Hao	Relationship between ionic strength and the proton interaction of clay minerals
8:15 am	Samuel Bowman	The hunt for molybdenite: Imaging techniques for Low-Level Highly Radiogenic (LLHR) As, Cu, and Fe sulfides
8:30 am	Yaqian Long	How machine learning work on hyperspectral data for rock mapping
8:45 am	Wenbo Zhang	Stress-induced magmatism on a flexural plate: correlating temporalspatial relationships between the Cretaceous Omineca Magmatic Belt and the Central Cretaceous Kimberlite Corridor
9:00 am	Benjamin Gruber	Effects of pressure and water on electrical conductivity of carbonate melt with implications for conductivity anomaly in continental mantle lithosphere
9:15 am		<i>Coffee and Snacks</i>
<b>Session 5</b>		
9:30 am	Evan Renaud	Geothermal Resource Characterization of the Slave Point Formation at Clarke Lake Field, Fort Nelson, B.C., Canada
9:45 am	Merilie Reynolds	Diagenetic controls on the formation of the Anarraaq sediment hosted Zn-Pb deposit, Red Dog district, Alaska, USA
10:00 am	Theron Finley	Concave convergent margin geometry and its relation to historical and ongoing oroclinal bending in the Cascadia forearc
10:15 am	Alix Osinchuk	The Origin of Granites in the Boothia Peninsula, Nunavut: Preliminary Insights into Precambrian tectonic regimes of the Canadian Arctic
10:30 am	Erin Bros	Observations of the Mary River Group at Long Lake, northern Baffin Island, Nunavut: stratigraphy and structure of an Archean supracrustal sequence

10:45 am		<i>Coffee and Snacks</i>
<b>Session 6</b>		
11:00 am	Ilona Ranger	Punctuated, long-lived emplacement history of kimberlites from the Renard cluster, Superior Province, Canada indicated by new high precision U-Pb groundmass perovskite dating
11:15 am	Grayson Bilak	Prospecting for ancient terrestrial crust using geochemical signatures of Pleistocene glacial sediments from the Acasta Gneiss Complex
11:30 am	Madisen Sagan	A new approach to understanding the geological evolution of the Canary Islands: A detrital zircon study of Fuerteventura beach sand
11:45 am	Jonathon Toma	Direct Re-Os ages of the Sinemurian-Pliensbachian time-scale boundary
12:00 pm		Lunch
<b>Session 7</b>		
12:30 pm	Md. Samrat Alam	Thermodynamic analysis of heavy metals adsorption to biochar
12:45 pm	Neil MacPherson	Solubility of Sulfate and Chloride Green Rusts during Ageing and Transformation to Magnetite
1:00 pm	Teruhiko Kashiwabara	Stable isotope fractionation of tungsten during adsorption on Fe and Mn (oxyhydr)oxides
1:15 pm	Danny Hnatyshin	Osmium in groundwater, how much is there and what does it tell us?
1:30 pm	Isabel Plata Enriquez	Membrane filtration and aeration approaches to treat hydraulic fracturing flowback and produced water
1:45 pm	Kristina Barclay	Snails on acid: Effects of ocean acidification and fear on gastropod shell defenses
2:00 pm		<i>Coffee and Snacks</i>
<b>Session 8</b>		

2:15 pm	Chimedlkham Enkhbaya	Community perception of the Cooperation agreement in Mongolia: A Case Study of Oyu Tolgoi Cu-Au mine
2:30 pm	David Chunn	Application of SWAT-MODFLOW Software to Evaluate Groundwater Surface Water Interaction in West-Central Alberta
2:45 pm	Leila Taheriazad	Automatic generation of DTM in forested area using LiDAR remote sensing
3:00 pm	Marissa Castro Magnani	Ecosystem services in Tropical Dry forests: assessing carbon sequestration
3:15 pm	Darcy Reynard	Carbon Pricing in Canada—from government policy to the impact on urban mobility and social exclusion
3:30 pm	Darren Epperson	Fragmentation and Conversion of Agricultural Land - Analysis of Values to Inform Policy
3:45 pm	Arshad Khan Khalafzai	Participatory Flood Mapping and Disaster Risk Reduction: The Case of Kashechewan First Nation, Northern Ontario, Canada
<b>5:00 pm</b>		<b>PUBLIC KEYNOTE SPEAKER Dr. Reed Scherer in ESB 3-27</b> "Paleoclimatology: Is What's Past, Prologue?"
7:00 pm		Symposium Banquet at Faculty Club Winspear Room, service start 6:30 pm