



DOWN TO EARTH



Newsletter of the Department of Earth Sciences, U.W.O.

Friday, November 13, 2009

Geology & Geophysics Graduate Symposium

The Department of Earth Sciences annual graduate symposium will be held all day, tomorrow, November 14, 2009 in B&G 0165. All are welcome to attend for presentations by the Graduate 9580/9680 classes. The schedule for tomorrow follows:

- | <u>Time</u> | <u>Speaker</u> |
|-------------|---|
| 9:00 am | Michael Hamilton
"The Racetrack" playa stones of Death Valley |
| 9:15 am | Candace Freckelton
Environmental issues surrounding CO2 storage in deep saline aquifers |
| 9:30 am | Danylo Kolos
Current state of earthquake forecasting |
| 9:45 am | Meriem Grifi
Microbial Mats and their Implications on Earth's Biological History |
| 10:00 am | Hayley Edwards
Mineralogical evidence for water on Mars |
| 10:15 am | Lisa Cupelli
The effects of impacts on oil deposits |
| 10:30 am | Coffee Break |
| 10:45 am | Pathikrit Bhattacharya
The story of the shaking Sun: Helioseismology |
| 11:00 am | Rod Dammeier
Geothermal Energy Production |

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| 11:15 am | Tamara Sredojevic
Geology of the Jadar Basin, Serbia, and the new borosilicate mineral Jadarite |
| 11:30 am | Devrim Husrevoglu
Orogen of the coastal mountains of BC |
| 11:45 am | Rie Miyoshi
Seismic interferometry: Reflection seismology without an induced source |
| 12:00 noon | Emad Dehkordi
Application of Electric Resistivity Technique in Hydrogeology |
| 12:15 pm | Lunch Break |
| 1:00 pm | Robin Buckley
Peace River Arch structure: history of activity and current interpretations |
| 1:15 pm | Akbar Sohrabi Hashjin
The Late Ordovician Glaciation and Mass Extinction |
| 1:30 pm | Nevenka Nakevska
Hydrogeologic characteristics of karst aquifers |
| 1:45 pm | Alexandra Pontefract
Life on Europa |
| 2:00 pm | Joel Shank
The possibility of glaciations during the Cretaceous |
| 2:15 pm | Alireza Fereidooni
Geophysical Finite-Element Simulation Tool (GeoFEST) |
| 2:30 pm | Matthew Armenti
Volcano gravimetry |
| 2:45 pm | Coffee Break |

3:00 pm **Meghan Macleod**
Classification of Iron Oxide (-Copper-Gold)
Deposits (IOCG)

3:15 pm **Sirius Zhong**
Strength of the continental lithosphere: Is there a
jelly sandwich?

3:30 pm **Armick Ivanian**
Estimating Seismic Demands for Structures based
on MPA Procedure

3:45 pm **Azadeh Fereydouni**
Different approaches in strong ground motion
simulations

4:00 pm **Piotr Angiel**
Use of lichenometry for dating Late Holocene
sediments

4:15 pm **Marie Burford**
Volcanism in the solar system

4:30 pm **End**

Colloquium Schedule, 2009-10

The Earth Sciences Colloquium is held weekly on
Fridays in B&G 0153, 3:30-4:30 PM.

November 13 - Charles Cockell (UK), "Microbial
Diversity and Weathering in Volcanic
Environments"

November 20 - David Fernández-Remolar (Spain),
"Recovering Terrestrial information of extreme
habitats to understand early Mars environments: Rio
Tinto acidic system and Atacama Desert"

November 27 - John Armstrong, "Kimberlite
Indicator Mineral Anomalies in a Regional, Local,
and Bedrock context: Examples from Canada"

December 4 - Brian Hart (UWO), Title TBA.

For the most up-to-date version of the Colloquium
schedule, visit

<http://www.uwo.ca/earth/news/colloquium.html>.

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Congratulations...

to **Ben Harwood**, for his recent successful M.Sc.
defense.

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Guest Speaker

This week, **Dr. Charles Cockell** from Open
University in the UK will discuss the microbiology
of impact craters at the Planetary Science &
Exploration Research Forum. PSERF will be held
in the usual spot in BGS 1084 at 12:30pm.

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