

The 13th International  
**ISRM CONGRESS 2015**

In conjunction with the **CIM Convention 2015**

# SPECIAL ONE DAY SYMPOSIUM

Tuesday, May 12, 2015 • Palais des Congrès, Montréal, Québec, Canada

## Shale and Rock Mechanics as Applied to Slopes, Tunnels, Mines and Hydrocarbon Extraction

Sponsored by



### Four 2-hour sessions

Each session will open with two keynote speakers followed by paper presentations. Themes are:

- Hydrocarbon Extraction
- Slopes
- Tunnels/Mines
- End of day debate: Shale is a Soft Rock - Not a Hard Soil.



### Speakers and Debaters



Keynote Speakers and Debaters whose visions you will want to hear and discuss per topic:

#### HYDROCARBON EXTRACTION

Senior Keynote: Mark Zoback, *Professor, Stanford University*  
Junior Keynote: Maria-Aikaterini Nikolinakou, *University of Texas*

#### SLOPES

Senior Keynote: Doug Stead, *Professor, Simon Fraser University*  
Junior Keynote: Dave Scarpato, *Haley & Aldrich, Inc.*

#### TUNNELS AND MINES

Senior Keynote: Derek Martin, *Professor, University of Alberta*  
Junior Keynote: Michael Murphy, *NIOSH/Office of Mine Safety and Health Research*

**DEBATE:** Shale is a Soft Rock - Not a Hard Soil. The debate will open with formal arguments by the debaters and will be followed by a town hall discussion. Debaters:

Priscilla Nelson  
*Professor, Colorado School of Mines*

Maurice Dusseault  
*Professor, University of Waterloo*

Derek Elsworth  
*Professor, Pennsylvania State University*

Jean-Claude Roegiers  
*Professor, University of Oklahoma*

### Call for Papers

Authors are invited to submit abstracts at [www.isrm2015.com](http://www.isrm2015.com). Abstracts should not exceed 500 words and should state "SHALE SYMPOSIUM" as a header.

Accepted papers will be published in the Congress proceedings and selected papers will be orally presented at the Symposium.

**KEY DEADLINES** for this Symposium are different from the general congress deadlines. They are:

- Abstract Submittal **June 30, 2014**
- Notification of acceptance **September 15, 2014**
- Paper submittal **November 30, 2014**



Symposium included with a full ISRM2015 Congress registration – or one-day registration fee to attend this symposium only.

For further information on the Shale Symposium please contact:

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or visit [www.isrm2015.com](http://www.isrm2015.com) and click on the Technical Program drop-down menu.