

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



CARMA
CANADIAN ROCK MECHANICS ASSOCIATION



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



Call for Papers

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

Authors are invited to submit abstracts at 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:

Herbert Einstein
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or visit www.isrm2015.com and click on
the Technical Program drop-down menu.