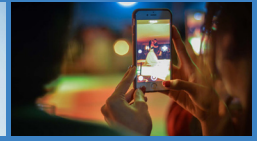




**SEG
2018**

Metals, Minerals, and Society

Keystone, Colorado, USA
September 22-25, 2018



SEG 2018 Workshop Schedule (Preliminary)

WS01 - Applied Structural Geology of Precious Metal-Bearing Hydrothermal Mineralizing Systems

www.seg2018.org/workshops.html#1

Date: September 21-22, 2018

Location: Keystone Conference Center

Presenters: Wayne Barnett, Stephen Cox, David Rhys*, Julie Rowland*, Blair Hrabí

Students will not exceed 20% of total participants.

*Workshop organizer.



Schedule

Day 1 - Friday, September 21, 2018

- 8:30am - 8:35am: Introduction (D. Rhys, J. Rowland)
- 8:35am - 10:30am: The dynamics of permeability enhancement and fluid flow in overpressured, fracture-controlled hydrothermal systems, part 1 (S. Cox)
- 10:30am - 11:00am: Break
- 11:00am - 12:00pm: The dynamics of permeability enhancement and fluid flow in overpressured, fracture-controlled hydrothermal systems, part 2 (S. Cox)
- 12:00pm - 1:30pm: Lunch
- 1:30pm - 3:00pm: Structure of modern geothermal systems: Implications for epithermal deposits (J. Rowland)
- 3:00pm - 3:30pm: Break
- 3:30pm - 5:30pm: Epithermal deposit structure (J. Rowland)

Day 2 - Saturday, September 22, 2018

- 8:30am - 10:30am: Structure of orogenic gold deposits (D. Rhys)
- 10:30am - 11:00am: Break
- 11:00am - 12:00pm: Structure of Carlin-type sediment hosted gold deposits (D. Rhys)
- 12:00pm - 1:30pm: Lunch
- 1:30pm - 3:00pm: Interpretation of deposit structural geology from drill core (W. Barnett)
- 3:00pm - 3:30pm: Break
- 3:30pm - 5:25pm: Regional structural targeting for gold deposits: utilizing geophysical data sets (J. Siddorn)
- 5:25pm - 5:30pm: Closing comments