

## **Geochemistry of Mineral Deposits** **From Deep Earth to Surface: Metals for Society**

**Les Diablerets Conference Center, Swiss Alps - June 19-24, 2016**

The 2016 Gordon Research Conference on the Geochemistry of Mineral Deposits will provide a truly unique opportunity to address new research directions in economic geology and ore deposit geochemistry that will help meet the increasing resource needs for future generations. About 150 participants from academia and industry will discuss the latest concepts and new ideas about the formation of diverse mineral systems, focusing on the highest value research areas relevant to understanding the formation and distribution of major mineral deposits, mineral exploration targeting and sustainable mining. The program will consist of 9 sessions, with a total of 26 outstanding speakers presenting cutting edge lines of research at the industry-academia interface. Poster sessions will be a key component of the conference for all participants, as well as ample time for informal discussions and brainstorming sessions, including some led by student participants.

### **CONFERENCE SESSIONS AND DISCUSSION LEADERS:**

**Mineral systems – the big scale**, L. Meinert (USGS, USA)

**Efficiency of ore-forming processes**, J. Cline (UNLV, USA)

**Surface processes and ore deposits**, R. Herrington (NHM, UK)

**Magmatic-related ore-forming systems**, M. Chiaradia (UNIGE, Switzerland)

**Ore-forming systems in sedimentary environments**, S. Gleeson (GFZ, Germany)

**Belt- to district-scale fertility indicators, and ore deposit vectoring**, D. Tosdal (Folly Beach, USA)

**Geometallurgy: Improving metal extraction**, R. Baumgartner (Gold Fields, Peru)

**Microbes, organic matter and the formation of ore deposits**, P. Emsbo (USGS, USA)

**Outlook: Creative research for the needs of industry and society**, S. Enders (RenResPartners, USA)

### **Conference chairs:**

**Robert Moritz**, University of Geneva, Switzerland: robert.moritz@unige.ch

**François Robert**, Barrick Gold Corporation, Canada: frobert@barrick.com

**David Cooke**, University of Tasmania, Australia: d.cooke@utas.edu.au



*Les Diablerets are situated about 120km east of Geneva, in the Swiss Alps, at an altitude of 1150m*

**Information, program & registration: <https://www.grc.org/programs.aspx?id=13503>**