

SEG CODES

SEG 2015

World-Class Ore Deposits: Discovery to Recovery
 September 27–30, 2015
 Hobart, TAS, Australia

www.seg2015.org

Early Registration Deadline, July 31, 2015

2015 CONFERENCE SPONSORS

PATRON

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<p>Australian Government Geoscience Australia</p>	<p>MMG</p>	<p>newgold™</p>	<p>THE UNIVERSITY OF QUEENSLAND AUSTRALIA</p>	<p>SMI BRC WH Bryan Mining & Geology Research Centre</p>

2015 EVENT SPONSORS

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Technical Program PRELIMINARY

REGISTER NOW! EARLY REGISTRATION DEADLINE IS JULY 31, 2015

World-Class Ore Deposits: Discovery to Recovery

The theme is discovery of world-class ore deposits, their geology, and the recovery of metals from ores, and will cover the issues and controversies that affect exploration. This conference will include key presentations from leaders in research and industry. The 14 sessions over 3 days will feature distinguished keynote speakers, plus up to 250 posters and pre- and post-conference field trips and short courses complementing the conference theme.

Plenary Sessions

- What industry wants from research (Paul Agnew)
- What research can deliver for industry (Murray W. Hitzman)
- Exploration – the role of innovation (John F.H. Thompson)
- High resolution VNIR-SWIR core logging; a revolutionary new tool for exploration, mining and research (Anthony C. Harris)
- The emergence and continuing evolution of geometallurgy; what every economic geologist should know about improving project value (Steve Walters)
- Mineral sector value and risk in 4D: Discovery to dismantling (Allan Trench and John P. Sykes, SGA Lecture)
- New insight into the links between major porphyry copper, IOCG and magnetite-apatite deposits from the Gällivare area, northern Sweden (David Drejing-Carroll, Tobias Bauer, Peter Karlsson, David Collier, Roger Nordin, Murray Hitzman, Rodney Allen)
- Developments in seafloor mineralization of intraoceanic arcs (Cornel E.J. de Ronde)
- Trace element contents of magmatic sulfide and oxide minerals – How can we use this information in ore deposits studies? (Sarah-Jane Barnes, SEG 2015 Distinguished Lecturer)

Thematic Technical Sessions

- Theme 1:** Ores in subduction-related arcs: new examples; relations and controls (David R Cooke, Theme Coordinator)
- Theme 2:** Ores in sedimentary environments: new examples; sources, transport, deposition and hydrology (Ross Large, Theme Coordinator)
- Theme 3:** Magmatic deposits: new examples; characteristics and mechanisms (Stephen Barnes, Theme Coordinator)
- Theme 4:** Geometallurgy through the mining chain (Julie Hunt, Theme Coordinator)
- Theme 5:** Post-collisional ores: new examples; characteristics, relationships and genesis (Anthony Harris, Theme Coordinator)
- Theme 6:** IOCG and magnetite-apatite deposits: similarities, differences, controls and genesis (Garry Davidson, Theme Coordinator)
- Theme 7:** Iron ore (Vicky Hough, Theme Coordinator)
- Theme 8:** SGA Session on exploration under cover (Roger Skirrow, Theme Coordinator)
- Theme 9:** Mining geology (Travis Murphy and Margaretha Scott, Theme Coordinators)
- Theme 10:** Geological Controversies (David Cooke, Theme Coordinator)

Trifecta Talks on Discovery, Exploration and Geometallurgy

- Olympic Dam IOCG deposit – BHP Billiton (Kathy Ehrig and Douglas Haynes)
- Red Dog SEDEX deposit – Teck (presenters TBD)
- Pebble porphyry deposit – Northern Dynasty Minerals (James Lang, Brian McNulty and Cassidy Harraden)
- Unlocking the giant Ladolam gold deposit from discovery through to recovery – Newcrest (Nicholas Fitzpatrick, William Clarke and Karyn Gardner)

ATTENTION STUDENTS: Cash prizes will be awarded to the best oral presentation and top three poster presentations by students. Winners will be announced at the SEG Awards Ceremony at the Wrest Point Convention Centre on September 30, 2015.

Student Mentoring Forum & SEG Presidential Address

A Student Mentoring Forum, with invited representatives from the minerals industry, academia, and government, kicks off the conference on Sunday, September 27, 2015. Students will hear about careers in minerals geoscience. SEG President François Robert will deliver his address immediately after the forum, prior to the welcome reception.

Social Events

- Welcome Reception - Sunday, September 27, 2015
- Social Evening at MONA (Museum of Old and New Art) Monday, September 28, 2015
- Industry Outlook Dinner - Tuesday, September 29, 2015
Guest Speaker - Mark Bennett, Managing Director & CEO, Sirius Resources
- SEG Awards Ceremony, Wednesday, September 30, 2015 (included in technical program)

Short Courses



The number of places is limited for the following events. Preference will be given to SEG 2015 Conference registrants. Visit the SEG 2015 Conference website for short course and field trip updates (www.seg2015.org)

PRE-CONFERENCE COURSES

SC01 Carlin-type Gold Deposits: Tectonic Setting, Orebodies, Footprints, Exploration, and Genetic Models

Dates	Saturday-Sunday September 26–27, 2015
Location	University of Tasmania Hobart, TAS, Australia
Organizer	Jean Cline
Presenters	Jean Cline John Muntean

Description

The Carlin-type gold deposits in northeastern Nevada, USA, comprise one of the most productive gold districts in the world, with gold production now ~135 Moz. Mining and research since initial deposit discovery in the 1960s have generated detailed descriptions of deposit geology, including recognition of features that are common to deposits across northern Nevada. Studies over the past 20 years have determined the age of formation of the Nevada district, leading to an understanding of tectonic setting and related structural development and magmatic and hydrothermal activity coincident with deposit formation. In spite of this understanding, no similarly productive trends or districts have been discovered in other parts of the world, and no widely acceptable genetic model has evolved.

This two-day course will begin with an overview of general characteristics that define the type deposits in Nevada and will include a section on the “Carlin-type”

deposits in southwestern China. The short course will focus on 1) the geologic evolution of northeastern Nevada that produced an ideal geologic architecture for the deposits, 2) geologic processes in the late Eocene that were critical to deposit formation, and 3) exploration, presented as a systems approach that links processes to targeting criteria at all scales. Course presentations will include detailed descriptions of deposit geology, including structure, lithology, ore-stage and late-ore stage mineralogy, and related hydrothermal alteration minerals and mineral zoning. Samples characteristic of the deposits will be examined, as will polished sections of ore minerals and ore and alteration mineral textures, which define these deposits. Presentations and discussions will provide a framework to interpret observations in the field, along with implications for exploration and research. The course will conclude with a discussion of genetic deposit models, including a model recently published in *Nature Geoscience* by the presenters who have over 40 years combined experience conducting research on and exploration for Carlin-type gold deposits.

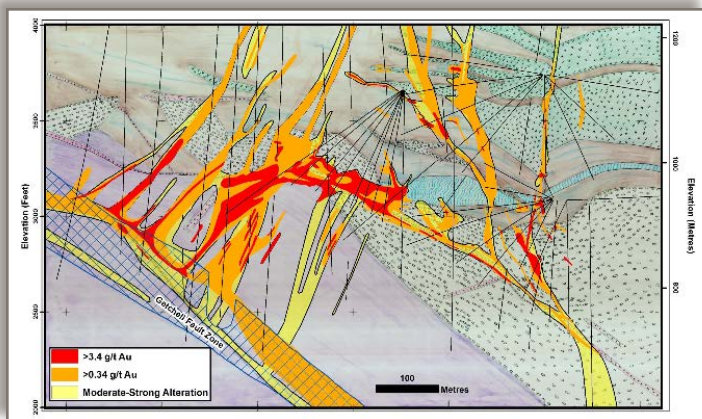
Attendee Maximum: 40

Early Registration:

Members (AUD\$795)
Non-members (AUD\$895)
Student Members (AUD\$395)
Student Non-members (AUD\$445)

Late Registration:

Members (AUD\$895)
Non-members (AUD\$995)
Student Members (AUD\$445)
Student Non-members (AUD\$495)



SC02 Uranium Geology

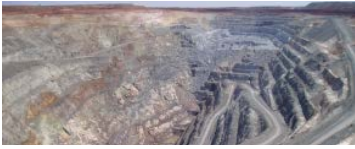


Dates	Saturday-Sunday September 26–27, 2015
Location	Wrest Point Hotel Hobart, TAS, Australia
Organizer	David Thomas
Presenters	David Thomas Gerard Zaluski Penny Large Tom Kotzer Andrew Fitzpatrick



Description

This two-day course will cover a wide range of topics from a historical overview of uranium exploration and development, through a systematic review of uranium ore deposit systems to the current nuclear industry cycle. The course will provide an introduction to the fundamentals of uranium geochemistry and mineralogy as well as the physics of radioactivity and to its application in exploration and resource evaluation. An important part of the course will be a detailed description of the principal uranium deposit model types; their geological settings, alteration characteristics and mineralization controls as well as descriptions



Short Courses

of best-in-class examples. The course will also discuss unique mining methods and extractive technologies used to exploit several uranium deposit types.

Attendee Maximum: 40

Early Registration:

- Members (AUD\$595)
- Non-members (AUD\$695)
- Student Members (AUD\$295)
- Student Non-members (AUD\$345)

Late Registration:

- Members (AUD\$695)
- Non-members (AUD\$795)
- Student Members (AUD\$345)
- Student Non-members (AUD\$395)

SC03 Ore Deposits, Atmosphere Oxygenation and Evolution of Life; How They are Related. New Genetic & Exploration Insights

- Dates** Saturday-Sunday
September 26–27, 2015
- Location** University of Tasmania
Hobart, TAS, Australia
- Organizer** Ross Large
- Presenters** Ross Large
Kurt Konhauser
Peter McGoldrick
John Long
Valeriy Maslennikov
James Farquhar
Tim Lyons

Description

This short course will investigate the relationships between ore deposit cycles, ocean



chemistry, atmosphere oxygenation cycles and the evolution of life on Earth. Several international specialists will provide a new framework for understanding ocean trace elements and bio-nutrients, ore deposit evolution through time, and how this may inform exploration strategies for gold, copper, zinc, iron, and manganese in sedimentary basins.

Attendee Maximum: 60

Early Registration:

- Members (AUD\$795)
- Non-members (AUD\$895)
- Student Members (AUD\$395)
- Student Non-members (AUD\$445)

Late Registration:

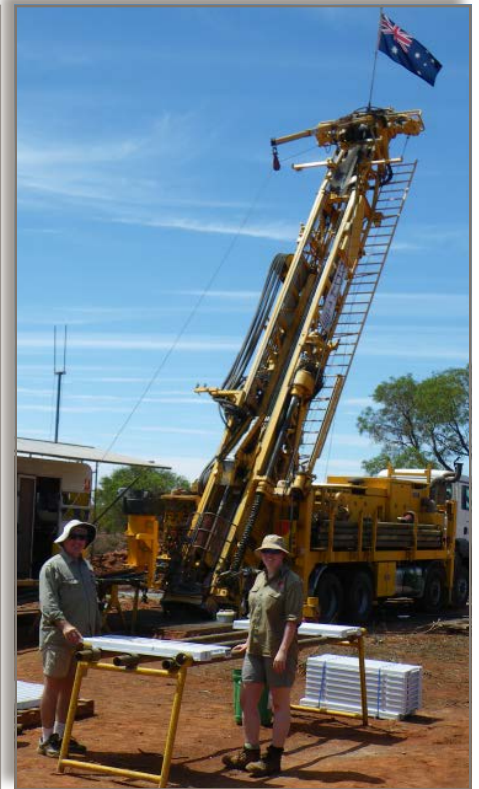
- Members (AUD\$895)
- Non-members (AUD\$995)
- Student Members (AUD\$445)
- Student Non-members (AUD\$495)

SC04 Understanding Alteration – Use in Exploration and Development

- Date** Saturday-Sunday
September 26-27, 2015
- Location** University of Tasmania
Hobart, TAS, Australia
- Organizer** John Thompson
- Presenters** John Thompson
Anne Thompson
Bruce Gemmell
Jim Lang
Andrew Davies

Description

The two-day course will provide an overview of alteration mineralogy in relation to ore systems and the use of alteration in exploration. The course will include extensive hands-on sessions with large rock suites and case studies, an introduction to field-portable tools, and reviews of ore deposit-exploration models principally focussed on gold, silver, copper and zinc deposits. The use of alteration mineralogy in assessing potential and developing targets will be emphasized and the potential application of alteration mineralogy to geometallurgy will also be discussed. The course is designed for young professionals, students with some exploration experience, and more senior professionals who are interested in developing new skills and being updated on emerging methods and approaches.



Attendee Maximum: 50

Early Registration:

- Members (AUD\$895)
- Non-members (AUD\$995)
- Student Members (AUD\$445)
- Student Non-members (AUD\$495)

Late Registration:

- Members (AUD\$995)
- Non-members (AUD\$1,095)
- Student Members (AUD\$495)
- Student Non-members (AUD\$545)

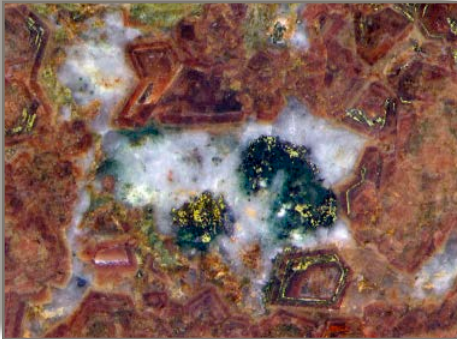
SC05 Skarn Deposits

- Date** Sunday, September 27, 2015
- Location** Wrest Point Hotel
Hobart, TAS, Australia
- Organizer** Zhaoshan Chang
- Presenters** Zhaoshan Chang
Larry Meinert

Description

Skarn deposits are some of the largest ore deposits in the world but can be complicated in the field. This one-day short course

Short Courses



is designed to help explorers understand skarn deposits with common sense exploration concepts and easy to apply mineralogical guides. We will clarify the basic concepts and terminology, explain the current understanding of skarn-forming processes, and summarize the general characteristics of major skarn types. The focus will be on the zonation patterns in skarns that are useful in exploration with a discussion of how the zonation pattern varies in different environments. The short course will cover the following topics: 1) Introduction, definition and mineralogy; 2) Classification and terminology; 3) Skarn-forming processes and evolutionary stages; 4) General characteristics of major skarn types (Au, Cu, W, Sn, Pb-Zn, Fe, Mo and others); 5) Zonation in skarn systems; 6) Factors affecting the formation of skarns and zonation patterns; and 7) Skarn exploration techniques.

Attendee Maximum: 40

Early Registration:

Members (AUD\$495)
Non-members (AUD\$595)
Student Members (AUD\$245)
Student Non-members (AUD\$295)

Late Registration:

Members (AUD\$595)
Non-members (AUD\$695)
Student Members (AUD\$295)
Student Non-members (AUD\$345)



www.segweb.org

POST-CONFERENCE COURSES

SC06

Drill Core Measurements and Domaining for Geometallurgy

Date Thursday, October 1, 2015
Location University of Tasmania
Hobart, TAS, Australia
Organizer Julie Hunt
Presenters Ron Berry
Michael Roach
Julie Hunt



Description

This course is designed for those interested in learning how to create geometallurgical domains within an orebody and is intended to provide sufficient practical experience to allow participants to begin applying the techniques in their work place. The focus will be on the use of tools to create domains for throughput and/or recovery. A range of (new) tools and methodologies are now available that allow sufficient density of data to be collected in a timely and cost effective manner to permit domain definition relatively easily and inexpensively. Once defined, domains can be included in geometallurgical models of ore deposits where they can be applied to mine planning and optimization.

Attendee Maximum: 40

Early Registration:

Members (AUD\$495)
Non-members (AUD\$595)
Student Members (AUD\$245)
Student Non-members (AUD\$295)

Late Registration:

Members (AUD\$595)
Non-members (AUD\$695)
Student Members (AUD\$295)
Student Non-members (AUD\$345)

SC07

Faults, Fractures, Fluid Flow and Mineralizing Scenarios – Active and Ancient

Date Thursday-Friday
October 1-2, 2015
Location Wrest Point Hotel
Hobart, TAS, Australia
Organizer Rick Sibson
Presenter Rick Sibson

Description

The course is designed for explorationists working from outcrop-scale through mine-development to regional exploration. It discusses brittle fault-fracture mechanics in different tectonic regimes and at different crustal levels, with a special focus on fundamental issues such as the creation of void space, the structural controls that focus





Short Courses

high-flux flow, and identifying the stress regime prevailing during mineralization. Particular attention is paid to the interpretation of small-scale structures as a guide to what is happening on a larger scale.

Attendee Maximum: 40

Early Registration:

- Members (AUD\$795)
- Non-members (AUD\$895)
- Student Members (AUD\$395)
- Student Non-members (AUD\$445)

Late Registration:

- Members (AUD\$895)
- Non-members (AUD\$995)
- Student Members (AUD\$445)
- Student Non-members (AUD\$495)

SC08

Aeromagnetic Interpretation

Date Thursday-Friday
October 1-2, 2015

Location Wrest Point Hotel
Hobart, TAS, Australia

Organizer Kim Cook

Presenter Kim Cook

Description

Discovery and delineation of new ore deposits is becoming increasingly difficult with opportunity for outcropping mineralization in both mature and emerging terranes decreasing rapidly. The ability to create high quality geological and structural representations in areas of limited outcrop using remotely sensed data is paramount for regional target generation, ground selection, and also for more discrete mapping and targeting at a prospect scale. Interpretation of aeromagnetic data to produce solid geology and structural maps is not an exact science, however, a systematic approach using enhanced processing and imagery that incorporates all existing outcrop or other geological inputs can result in a high quality map. This Interpretation short course introduces the participant to magnetic, gravity, and radiometric theory, with a focus on issues that affect the interpretability of the data, such as:

- How the Total Magnetic Field changes with respect to location in the world.
- Data processing techniques - what types of filters bring out certain aspects of the



data, and how to choose the best filters for interpretation purposes.

- How to determine 'real' vs 'processing issues'. What to look out for and what to accept/not accept from a contactor.
- Basic ore deposit models and how they manifest themselves in geophysical datasets – using real-life examples.

The short course takes a "hands-on" approach, which at the end of 2 days will see each participant producing at least one detailed solid geology map, targets, and possibly cross sections. Participants may bring their own data to interpret.

Attendee Maximum: 30

Early Registration:

- Members (AUD\$795)
- Non-members (AUD\$895)
- Student Members (AUD\$395)
- Student Non-members (AUD\$445)

Late Registration:

- Members (AUD\$895)
- Non-members (AUD\$995)
- Student Members (AUD\$445)
- Student Non-members (AUD\$495)

SC09

Exploratory Data Analysis with Open Source Tools



Date Thursday, October 1, 2015

Location Wrest Point Hotel
Hobart, TAS, Australia

Organizer Brian Krzys

Presenter Brian Krzys

Description

Free and Open Source Software (FOSS), or just Open Source, is an idea that seems like it shouldn't work yet it drives some of the largest organizations in the world and is strongly supported by a passionate, well-organized community. Beyond software the ideas behind Open Source are contributing to a wide spectrum of projects ranging from Wikipedia to Open Source Governance. This course will provide an introduction to the varied Open Source toolset applicable to the minerals industry via a series of practical exercises in Exploratory Data Analysis (EDA). The exercises will be hands-on and participants are encouraged to bring their own dataset to work with or use freely available data that will be distributed as part of the course.

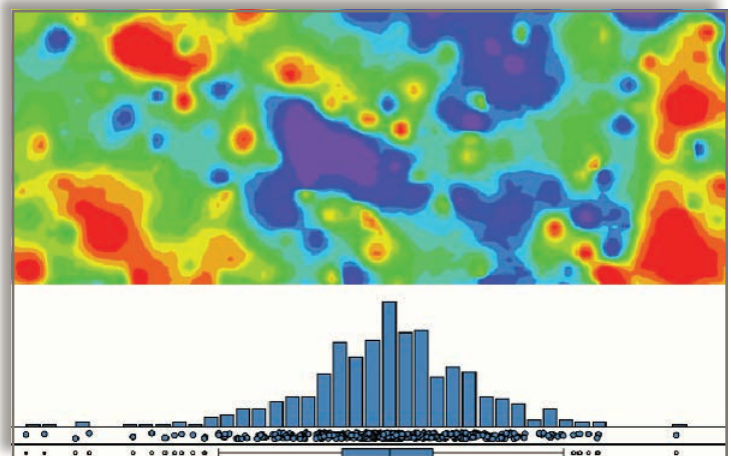
Attendee Maximum: 40

Early Registration:

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- Student Members (AUD\$245)
- Student Non-members (AUD\$295)

Late Registration:

- Members (AUD\$595)
- Non-members (AUD\$695)
- Student Members (AUD\$295)
- Student Non-members (AUD\$345)



Field Trips



The number of places is limited for the following events. Preference will be given to SEG 2015 Conference registrants. Visit the SEG 2015 Conference website for short course and field trip updates (www.seg2015.org)

PRE-CONFERENCE FIELD TRIPS

FT01 Deposits of the Gold-Rich Ordovician Alkalic Porphyry and Epithermal Province, Macquarie Arc, New South Wales

Post-Conference Field Trip departure and return site: Orange, NSW, Australia

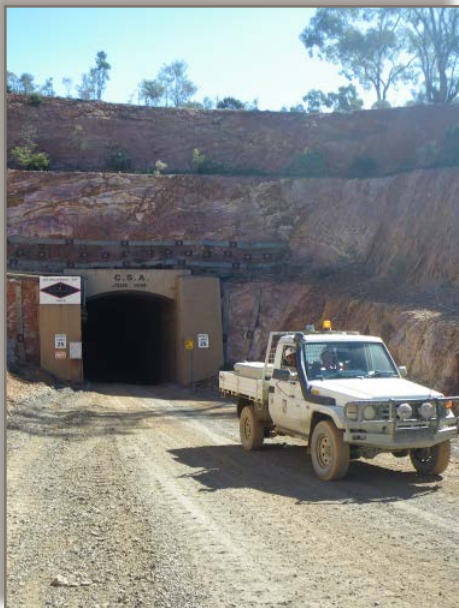
Dates: September 23–25, 2015

Field Trip Leaders

- Anthony Harris, Principal Geologist (Exploration) Newcrest Mining Limited
- Nathan Fox, ARC Centre for Excellence in Ore Deposits (CODES), University of Tasmania

Description

The Macquarie Arc is richly endowed in world-class porphyry copper-gold mineralization and related deposit styles. In this field trip, key examples of these occurrences will be examined, including Cadia, and several other key systems. The special tectonic framework that gave rise to these very gold rich systems will be a focus of the trip, including the evolution and accretion of the arc during ~50 million years of subduction-related development along the boundary between east Gondwana and the paleo-Pacific plate.



Attendee Maximum: 20

Early Registration:

- Members (AUD\$995)
- Non-members (AUD\$1,095)
- Student Members (AUD\$495)
- Student Non-members (AUD\$545)

Late Registration:

- Members (AUD\$1,095)
- Non-members (AUD\$1,195)
- Student Members (AUD\$545)
- Student Non-members (AUD\$595)

FT02 Archean World-Class Gold and Nickel Camps from the Kalgoorlie Terrane (Yilgarn Craton, Western Australia)

Pre-Conference Field Trip departing from and ending in Kalgoorlie, Western Australia.

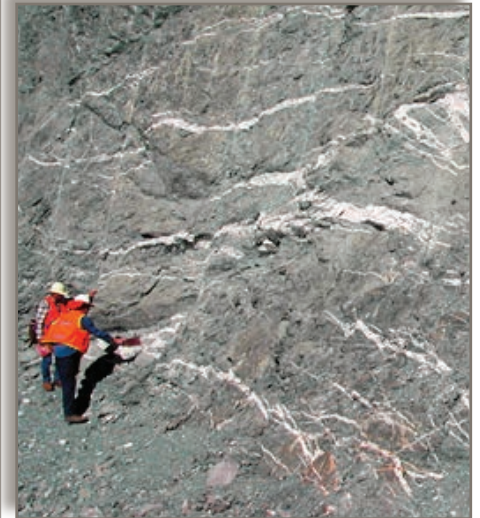
September 22–25, 2015

Field Trip Leaders

- Cam McCuaig, Director, Centre for Exploration Targeting, ARC Centre of Excellence for Core to Crust Fluid Systems, University of Western Australia, Perth, Western Australia
- Marco Fiorentini, Center for Exploration Targeting and ARC Centre of Excellence for Core to Crust Fluid Systems, University of Western Australia, Perth, Western Australia
- Nicolas Thebaud, Center for Exploration Targeting and ARC Centre of Excellence for Core to Crust Fluid Systems, University of Western Australia, Perth, Western Australia

Description

This excursion, based out of Kalgoorlie, will examine the structural and stratigraphic setting of a world-class orogenic gold and komatiite-hosted nickel camp in Western Australia. Visit key regional outcrops and deposits and get an insight into the deposit, camp, and regional architecture of a major Australian mineralized district discovered about 120 years ago and still producing today. Mines to be visited include the St Ives gold mine, a komatiite-hosted deposit in the Kambalda-Widgiemooltha area, as well as the Kalgoorlie Super Pit, the largest open pit gold mine in Australia with a global endowment that exceeds 70 Moz of gold.



Attendee Maximum: 18

Early Registration:

- Members (AUD\$1,995)
- Non-members (AUD\$2,095)
- Student Members (AUD\$995)
- Student Non-members (AUD\$1,045)

Late Registration:

- Members (AUD\$2,095)
- Non-members (AUD\$2,195)
- Student Members (AUD\$1,045)
- Student Non-members (AUD\$1,095)

FT03 VHMS and Granite Related Ore Deposits of Western Tasmania

Pre-Conference Field Trip starting from and returning to the West Point Hotel, Hobart, Tasmania.

September 22–27, 2015

Field Trip Leaders

- Andrew McNeill, Manager Geoscience, Mineral Resources Tasmania, Tasmania, Australia
- Bruce Gemmill, Director of the ARC Centre of Excellence in Ore Deposits (CODES), University of Tasmania, Australia
- Ralph Bottrill, Senior Mineralogist, Mineral Resources Tasmania

Description

Western Tasmania has undergone three major metallogenic episodes that have



Field Trips



resulted in the occurrence of many significant base metal and tin deposits within a small (~250-km-long) region. The major geologic feature that hosts the copper, gold, and base metal deposits is the Cambrian submarine Mt Read Volcanic belt, whereas the tin deposits mainly formed where a Devonian granite belt intruded basement carbonate sequences, producing proximal and distal skarns. The field trip to this area will provide the opportunity to visit several of the well studied Cambrian VHMS and Devonian granite-related deposits (including the Mt Lyell Cu-Au field, Renison (Sn), Rosebery-Hercules (Pb-Zn) and Henty (Au)) as well as some of the less well known deposits (Avebury (Ni), Kara (Fe-W) of the district.

Attendee Maximum: 18

Early Registration:

- Members (AUD\$1,195)
- Non-members (AUD\$1,295)
- Student Members (AUD\$595)
- Student Non-members (AUD\$645)

Late Registration:

- Members (AUD\$1,295)
- Non-members (AUD\$1,395)
- Student Members (AUD\$645)
- Student Non-members (AUD\$695)

POST-CONFERENCE FIELD TRIPS

FT04 Introduction to the Olympic Dam Supergiant Iron Oxide Copper-Gold Deposit, South Australia

Post-Conference Field Trip departing from and returning to Adelaide, SA, Australia.

October 1–3, 2015

Field Trip Leader  bhpbilliton

- Kathy Ehrig, Principal Geometallurgist, BHP Billiton—Olympic Dam Resource Planning and Development

Description

The Mesoproterozoic Olympic Dam deposit is Earth's largest known iron oxide copper-gold deposit. This trip will visit the Olympic Dam surface geological operations, and through a combination of lectures and inspections of the vast on-site core library, the current understanding of the geology and genesis of the deposit will be discussed. Major features to examine will be the different types of breccia and hydrothermal features, the recent recognition of larger proportions of altered mafic intrusive rocks in the breccias, and the nature of clastic sediment domains. Participants will also have an opportunity to examine details of other prospects in the area, including Wirrda Well and Acropolis. All trip participants will be guests of BHP-Billiton and will need to abide by the occupational health and safety requirements of the operation while on site.

Attendee Maximum: 30

Early Registration:

- Members (AUD\$895)
- Non-members (AUD\$995)
- Student Members (AUD\$495)
- Student Non-members (AUD\$545)

Late Registration:

- Members (AUD\$995)
- Non-members (AUD\$1,095)
- Student Members (AUD\$545)
- Student Non-members (AUD\$495)

FT05

Porphyry and Epithermal Systems of the Sunda Banda Arc, Indonesia

Post-Conference Field Trip departing from and returning to Bali, Indonesia; some domestic flights must also be organized by the participants.

October 1–8, 2015

Field Trip Leaders

- David Cooke, CODES, University of Tasmania, Australia
- Adi Maryono, Vice President PT J Resources, South East Asia
- Iryanto Rompo, Exploration Manager, Buena Group Indonesia

Description

This field trip will introduce participants to the geology and mineralization that characterizes the Sunda-Banda arc. It will include site visits to giant porphyry Cu-Au deposits (Batu Hijau, Tumpangpitu), modern hydrothermal systems on an active volcano





Field Trips

(Mt Ijen), and exploration projects on Lombok and Sumbawa. In addition to site visits, participants will have the opportunity to spend one day learning and applying the Anaconda mapping method inside the Batu Hijau open pit.

Attendee Maximum: 17

Early Registration:

- Members (AUD\$1,895)
- Non-members (AUD\$1,995)
- Student Members (AUD\$995)
- Student Non-members (AUD\$1,045)

Late Registration:

- Members (AUD\$1,995)
- Non-members (AUD\$2,095)
- Student Members (AUD\$1,045)
- Student Non-members (AUD\$1,095)

FT06

Active and Extinct Epithermal Environments of the North Island, New Zealand

Post-Conference Field trip starts and ends in Auckland, New Zealand.

October 2–7, 2015

Field Trip Leaders

- Stuart F. Simmons, Hot Solutions Ltd, Auckland, New Zealand
- Tony Christie, GNS Science, Lower Hutt, New Zealand

Description

This excursion provides an overview of the volcanic-tectonic setting, hydrology, fluid chemistry, alteration, and mineralization of sub-aerial hydrothermal systems and their epithermal ore-forming environments. Unique is the opportunity to observe precious-metal transport and deposition in the Champagne Pool, and to see the interplay of magmatic and hydrothermal processes. The itinerary includes visits to hot spring areas

and steamfields in the Taupo Volcanic Zone, Tongariro National Park, and epithermal Au-Ag deposits in the Coromandel peninsula.

The first two days include stops at the Karangahake gorge and Waihi in the Coromandel goldfields to view the world-class Martha Hill deposit and to gain a 3-D understanding of mineralization and alteration. The next two days are based out of Rotorua, with visits to the Orakeikorako, Waimangu, and Waiotapu thermal areas, the Broadlands-Ohaaki and Wairakei steam-fields, and the Ohakuri epithermal Au-Ag prospect. The last two days focus on the geology and hydrothermal activity of Taupo and Tongariro volcanic centers, providing spectacular views of a large rhyolitic caldera and tall andesitic stratacones.

Attendee Maximum: 35

Early Registration:

- Members (AUD\$2,295)
- Non-members (AUD\$2,395)
- Student Members (N/A)
- Student Non-members (N/A)

Late Registration:

- Members (AUD\$2,395)
- Non-members (AUD\$2,495)
- Student Members (N/A)
- Student Non-members (N/A)



Organizing Committee Members

Conference Chair:

Bruce Gemmell
CODES, University of Tasmania
bruce.gemmell@utas.edu.au

Society of Economic Geologists:

Brian Hoal
Executive Director
brianhoal@segweb.org

Technical Program Chair:

Noel White
Consultant
noelcwhite@hotmail.com

Posters/Students:

Patrick Sack
Yukon Geological Survey
patrick.sack@gov.yk.ca

Short Courses:

Zhaoshan Chang
James Cook University
zhaoshan.chang@jcu.edu.au

Field Trips:

Garry Davidson
CODES, University of Tasmania
garry.davidson@utas.edu.au

Sponsorship/Marketing:

Dan Wood
Consultant
danwood3844@hotmail.com

Secretary/Students:

Christine Horrigan
Society of Economic Geologists
christinehorrigan@segweb.org

Conference Secretariat:

Carol van 't Veld
Conference Design
mail@conferencedesign.com.au

SEG 2015 Registration Fees

All registration fees are in Australian dollars (AUD).

Registration is open!

Early Registration — April 1–July 31, 2015

- Member - AUD\$795
- Non-member - AUD\$895
- Student Member - AUD\$295
- Student Non-member - AUD\$345

Late Registration (includes on-site) — from August 1, 2015

- Member - AUD\$895
- Non-member - AUD\$995
- Student Member - AUD\$345
- Student Non-member - AUD\$395

SEG reserves the right to cancel short course or field trip events should minimum attendance numbers not be met by July 31, 2015.



CODES

SEG 2015

World-Class Ore Deposits: Discovery to Recovery

September 27-30, 2015
Hobart, TAS, Australia

Sponsorship/Exhibition Opportunities

A number of sponsorship options are available to support the conference, ranging from Patron at \$50,000 to sponsoring the daily catering for \$2,500.

Corporations can support student attendance and continuing education by becoming a sponsor at one of the following levels:

- Patron
- Platinum
- Gold
- Silver
- Bronze

A full Sponsorship and Exhibition Prospectus is available at www.seg2015.org. Benefits include booth(s) at the upper sponsorship levels and complimentary registrations in all categories.

If you would like to discuss Sponsorship/Exhibition for the conference or require further information, please contact either

Dan Wood
danwood3844@hotmail.com

Nikki Jamison
anikajamison@segweb.org

or Leesa McDermott
leesa@conferencedesign.com.au

Your Opportunity

By sponsoring or exhibiting at SEG 2015, not only will you be supporting the strongest economic geology technical program to be presented in Australia in many years, but you will be supporting and encouraging students, the key to the future of our industry. Your financial support will directly benefit students, either through assistance to attend the conference, short courses and field trips, or ultimately in other forms of assistance by SEG. We plan to offer financial assistance to as many as 100 students to attend the conference.

There are a wide variety of Sponsorship opportunities available at the conference. We also invite any new proposals you may wish to put forward; the Committee is happy to negotiate a package that will be of maximum benefit to your organization and the conference.

If you wish to purchase a sponsorship or exhibition package, please complete the booking form on page 35. If you have any questions regarding the opportunities, please contact Dan Wood (danwood3844@hotmail.com) Chair of the SEG 2015 Sponsorship Committee, Bruce Gemmell (bruce.gemmell@utas.edu.au) Chair of the Organizing Committee, or Brian Hoal (brianhoal@segweb.org) Executive Director, SEG. For questions on the exhibition, please contact Leesa McDermott (leesa@conferencedesign.com.au).

Details on the Conference and sponsorship/exhibition can be found on our website at www.seg2015.org.

Join us as a sponsor or exhibitor to reach the world's leading mineral geoscience and exploration specialists in beautiful Hobart, Tasmania, in September 2015.

Kind regards,

Bruce Gemmell

Dan Wood

Brian Hoal

For general meeting inquires contact Leesa McDermott, Conference Design at leesa@conferencedesign.com.au

Exhibition



Exhibition Sites — \$3,000

Included:

- Area measuring 3m wide x 2m deep
- Booth structure with side walls and back wall
- Header board with your company name
- Table and two chairs, lighting and power
- Your organization listed on the conference website
- Two complimentary exhibitor registrations including the Welcome Reception and the Poster Receptions

The Welcome Reception on Sunday evening will be held in the exhibition area, as will all catering breaks. One-hour receptions will also be held on Monday and Tuesday following the close of sessions.

Booking an Exhibition Space

Conference Secretariat:
Conference Design
mail@conferencedesign.com.au
Tel. +61 3 6231 2999

Exhibition Hours

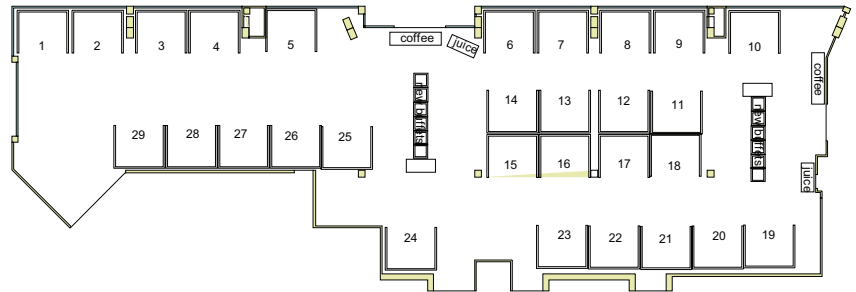
Sunday, September 27
Bump in 12 pm–4.30 pm
Welcome Reception 5 pm–7 pm

Monday, September 28
8 am–5.30 pm

Tuesday, September 29
8 am–5.30 pm

Wednesday, September 30
8 am–3.30 pm
Bump out from 3.30 pm

BOARD WALK GALLERY



Wellington Rooms



SEG 2015 Conference

September 27–30, 2015 | Hobart, Tasmania, Australia

Tax Invoice
Conference Design Pty Ltd
ABN 72 050 482 507

SPONSORSHIP AND EXHIBITION BOOKING FORM

A PDF tax invoice will be sent on receipt of a completed booking form.

Company Name: _____
Contact Name: _____
Postal Address: _____
Suburb/Town/City: _____ Prov/State: _____ Country: _____ Postcode: _____
Telephone: _____ Facsimile: _____ Email: _____

Sponsorship

Option (e.g., Patron) _____
Investment _____
Comments _____

Exhibition

Number of sites/booths required: _____
Preference 1: _____
Preference 2: _____
Preference 3: _____
Not located next to: _____

Do you require a: Booth structure
 Site only for a custom display

Each booth includes a trestle table and chairs, lighting and power.

Wording for header board (max. of 30 characters):

Description

For planning purposes, please give a brief description of any large, high or unusual equipment you will be displaying in your booth:

Authorized

Signed: _____
Name: _____
Date: _____

Payment Summary

Sponsorship Total: \$ _____
Exhibition Total: \$ _____
Total: \$ _____

Payment Terms

A payment of 50% of the sponsorship package and/or exhibition fee must accompany your completed booking form. The balance is to be paid four months prior to the Conference. Payment is in \$AUD and includes GST. If transferring money internationally, please ensure that you add the international transaction fee to your payment.

Cancellation

A cancellation fee of 30% will be applicable for any sponsorship package or exhibition booking canceled up to six months prior to the Conference. No refund will apply after this date.

Check (made payable to Conference Design – SEG2015)
 Credit Card

Card Type: Visa MasterCard Amex

Card Holder: _____

Card Number: _____

Expiry Date: _____

Signature: _____

EFT

Date: _____ Reference: _____

BSB: 017 324
Account #: 1085 82575
Account Name: Conference Design
Bank: ANZ, Sandy Bay Branch
Swift Code: ANZBAU3M



Conference Secretariat

Conference Design Pty Ltd
mail@conferencedesign.com.au
www.conferencedesign.com.au
P: +61 3 6231 2999