On behalf of the organising committee I am pleased to invite you to PACRIM 2015, which will be held in Hong Kong from 18–21 March 2015 in conjunction with the recently formed AusIMM Hong Kong Branch.

PACRIM 2015 follows a tradition of successful technically-focused meetings which have become the premier AusIMM conference on the Pacific Rim, bringing together the most recent advances in academic research and geological understanding, regional surveys by government agencies and the industry’s latest discoveries and projects that showcase the importance of the Pacific Rim for global mineral wealth and investment.

The program will consist of three full technical days followed by congress-hosted workshops in collaboration with SEG. A number of high-profile plenary keynote speakers have been invited to present at the congress and based on previous events, we anticipate a very high standard of speakers. The program also offers a range of invaluable workshops, together with a number of site visits and excellent networking opportunities.

It’s going to be a great event. We hope you’ll join us to experience it for yourself.

Dale Sims FAusIMM(CP)
Congress Chair, PACRIM 2015

WHO SHOULD ATTEND?
- Exploration, mining and research geologists
- Exploration managers
- Government departments including geological surveys and mines departments
- Resource analysts and professionals involved in financing exploration and mining projects
- Consultants and service providers
- Academia and research organisations
- Affiliated Industry organisations and professional bodies

WHAT ARE THE BENEFITS OF ATTENDING?
- Keep up to date with the latest mineral exploration and research techniques, future projects and key issues
- Engage in valuable discussions with industry stakeholders presenting on key issues
- Connect and network with fellow industry professionals
- Participate in pre- and post-conference workshops and field trips
- Meet key service and instrument providers relevant to mineral exploration

PACRIM is a quadrennial congress that focuses on research, exploration and development of mineral deposits around the Pacific Rim. Its appeal extends far and wide to geologists, geophysicists and geochemists exploring in the Pacific Rim, and to people interested in the mineralisation processes of active tectonic margins, and those developing projects following discovery in these regions.

EARLY BIRD REGISTRATION CLOSES
31 JANUARY 2015

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KEYNOTE SPEAKERS

MAC CANDY
Vice President, Eurasian Exploration, Freeport-McMoRan Exploration Corporation, USA

Mac is currently Vice President of Eurasian Exploration for Freeport-McMoRan Exploration Corporation. He has worked for Freeport and its constituent companies for 27 years, where he has led or otherwise participated in teams making copper and gold ore deposit discoveries in Asia, Europe and the Americas. He is a Fellow and former Vice President – Europe of the Society of Economic Geology, a Fellow of the London Geological Society and a member of the Colorado Scientific Society, the Geological Society of Nevada and the Denver Regional Explorationist’s Society.

CORNEL DE RONDE
Principal Scientist, GNS Science, New Zealand

Cornel is a Principal Scientist at GNS Science. He leads the Offshore Minerals part of the New Zealand EEZ program. Since 1997, the research that he and his team do has largely concentrated on seafloor hydrothermal vents associated with submarine arc volcanoes of the Kermadec Arc (~1,300 km), north-east of New Zealand, although their work has taken them to arcs all around the world, including the Mariana, Toba and Aeolian arcs. De Ronde and colleagues at GNS, NOAA, NIWA, WHOI and elsewhere have now surveyed ~150 major volcanoes around the world for their seafloor hydrothermal systems and associated mineral deposits.

JEFFREY HEDENQUIST
Principal, Hedenquist Consulting Inc, Canada

Jeffrey conducted research with national institutes in the USA, New Zealand and Japan for 24 years on geothermal energy development, the composition of volcanic discharges and epithermal and porphyry deposits of the circum-Pacific region. Since 1999, he has been based in Ottawa as an independent consultant to the mineral resources industry and numerous agencies worldwide. He has received several recognitions for his landmark publications and training efforts, the latter in part while affiliated with four universities. In 2010, he was President of the Society of Economic Geologists.

LARRY MEINERT
Head of the Mineral Resources Program, US Geological Survey, USA

Larry is head of the Mineral Resources Program at the US Geological Survey, where he is responsible for leading the research, assessment and information-gathering functions of more than 300 scientists. Previously, he had a successful academic career spanning three different universities, where he managed research laboratories and advised dozens of postdoctoral students. He has worked extensively in Western Australia, the southwest Pacific, China, Greenland, southern and eastern Siberia and Australia. In the last 20 years Franco has worked extensively in Western Australia’s Proterozoic terranes and was instrumental in the discovery of a new large igneous province in Australia. He was visiting Professor at Peking University in 2003 and China University of Geosciences, Beijing in 2004, and on the Steering Committee of the Large Igneous Provinces Working Group.

FRANCO PIRAJNO
Adjunct Professor at Centre for Exploration Targeting, University of Western Australia

Franco, a mineral systems geoscientist in the Geological Survey of Western Australia, has considerable experience in tectonics, ore deposit geology and mineral exploration in Europe, southern Africa, South East Asia, New Zealand, the southwest Pacific, China, Greenland, southern and eastern Siberia and Australia. In the last 20 years Franco has worked extensively in Western Australia’s Proterozoic terranes and was instrumental in the discovery of a new large igneous province in Australia. He has served on the Editorial Board of the Journal of Resources Policy and the organising committees for the AusIMM and the Melbourne Mining Club, and is also a member of SEG and the SME, and an Adjunct Professor at the Centre for Exploration Targeting at UWA.

RICHARD SCHODDE MAusIMM
Managing Director, MinEx Consulting and Adjunct Professor at the University of Western Australia

Richard has experience in a wide variety of project analysis, business development and strategic planning roles within the international resources industry – including 15 years at WMC and, more recently, four years at BHP Billiton. In 2008, Richard founded MinEx Consulting to provide strategic and economic advice to industry and government. His main focus is on the economics of mineral exploration. Richard has published several dozen papers on exploration performance and is internationally recognized by his peers as a world leader in mineral economics. He has been responsible for leading the AusIMM and the Melbourne Mining Club, and is also a member of SEG and the SME, and an Adjunct Professor at the University of Western Australia.

RICHARD SILLITOE
Consultant, Australia

Richard has operated for more than 40 years as an independent consultant to mining companies, international agencies and foreign governments. He has worked on a wide variety of mineral deposits and prospects in nearly 100 countries worldwide, but focuses on the epithermal gold and porphyry copper environments. Published research has earned him awards in Europe, Australia and North and South America, including the Silver Medal of the Society of Economic Geologists, of which he was President from 1999–2000.

JOHN THOMPSON
Consultant, PetraScience Consultants and Professor, Cornell University, USA

In 1982, John joined the BP Minerals group (Rio Tinto) initially in Australia, followed by positions in the UK and Salt Lake, USA. In 1991, John became director of the Mineral Deposit Research Unit at the University of British Columbia, managing exploration-related research for over 20 companies. He returned to industry in 1998 as Chief Geoscientist for Teck, and then Vice President Technology and Development. In the latter role, he managed technology and innovation programs and was involved in corporate development including resource and technology-related transactions. He left Teck in 2012 and is now Principal, PetraScience Consultants, an exploration, development and technology consultancy, and is also the World Professor of Environmental Balance for Human Sustainability at Cornell University.

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Resources: 8.1 Moz of gold and 73.8 Moz of silver

Outstanding quality of deposits
Resources: 8.1 Moz of gold and 73.8 Moz of silver
Reserves: 3 Moz of gold and 31.9 Moz of silver

Growth in confidence and quality
First year full production: 281,477 oz of gold and 1,515,228 oz of silver
Annual production target 250,000 ounces of gold and 2 million ounces of silver
Excellent safety performance

WGC Adjusting Operating Cost: $450-$550/oz

website: www.g-resources.com
PRELIMINARY LIST OF ABSTRACTS

Orogenic Gold of the Pacific Rim
Disseminated and Invaluable Gold in the Global Progress Orogenic Gold Deposit, Reefton Goldfield, South Island, New Zealand — P Durante and A Christie
Orogenic Gold Deposits Through Time — A Two-stage Process — R Large
Secular Gold Mineralization in the Xiong’ershan District, Southern North China Craton — Products of the Trassic Orogenic Deformation and the Cretaceous Cratonic Destruction — J-W Li
Geochemistry and Mineralogy of North Kostobe Sedimentary-hosted Gold Deposit, Eastern Kazakhstan — K H Wong and M-f Zhou

Porphyry-style Mineralisation
in the Eritberg Mining District — Papua, Indonesia — G De Jong, W Sunyoto and M Cloos
High-resolution X-ray-computed Tomography Studies of Gold in Porphyry-skar Copper-gold Deposits — R Kyle and R Ketcham
The Titafirn Copper Gold Porphyry District, Star Mountains, Western Papua New Guinea — J Queen
High-grade Copper-gold Mineralisation in North-west Ecuador — The Apalta Cu-Au Porphyry Discovery — B Rohrlach, O Foma, B Rosero, J Silva and J Ward
Granitoids Related with Porphyry Cu Deposits in the Central Asian Orogenic Belt — Characteristics and Oxygen Fugacity — P Shen, K Hattori, M Pan, S Jackson and E Setmiritwatra
The Frieda Kiss Keeping it Simple — S Tear and L Queen

Iron Isotope Fractionation in Magma-hydrothermal Minerals — A Porphyry Copper Case Study — C M Wawryk and J D Foden
Early Cretaceous Granitoids and Mineralisation of the Aershan and Yili Porphyry Mo Deposits in the Great Xing’an Range — Implications for the Geodynamic Evolution of North-eastern China — C Wu, C Liu, H Zhang, Y Zhu and W Li
Geology and Mineralisation of the Apex Mine in Maco, Compostela Valley, Philippines — New data and Interpretations — G Yumul, K Quefario, A E Buena, J M Guotana, N A Paco, C Dimalanta, D Faustino-Eslava, N Ramos and B Payot
Characteristics of Gold-rich Porphyry Systems in the Gurvanmsaitaan Belt, Southern Mongolia — A Stewart

Sediment-hosted and Carlin-style Gold Deposits
Using Sedimentary Pyrite Chemistry to Inform Regional and District Exploration for Sediment-hosted Gold Deposits — A Case Study from the Conrad Occurrence, Selwyn Basin Area, Yukon — P Sack, D Gregory, R Large and L Danyushchsky
Skarn and Replacement Deposits
Mineralogy of the Polymetallic Skarn and Vein-type Mineralisation from Mengapur Cu-Au Deposit, Maran, Pahang, Malaysia — K S Adiffin
The Sepon Copper Deposits and Their Link to Carlin-like Gold Mineralisation — J Cannell
Skarn-orphry Transition — An Example from the Antamina Skarn, Peru — Z Chang, S Mocnek, L D Mehnert and S Windle
Amphibole Au-Cu Skarn and Massive Sulfide Replacement at the Peak Deposit, Eastern Interior, Alaska — P Ng and R Newbery
Mineralized Carbonatite-like Dikes Generated During High-T Contact Metasomatic Skarn Systems — Genetic Analysis Through to Implications for Exploration — D Lentin

A New Model for the Intrusive Sequence and Skarn Formation at the Antamina Deposit, Peru — S Mocnek, Z Chang and L Mehnert
The Mabilo Copper-Gold-Iron Deposit — A New Skarn Discovery in the Philippines — N Reynors, B Ayres, R Mclean and G Maude
Skarn Alteration and Mineralization in the South-east Cu-Au Prospect, Papua, Indonesia — U F T Rumbiak, C A Leys and B Rensuy
The Origin of Bauxite-type REE Mineralisations — Insights from O and C Stable Isotope Systematics — F Sahstrim, E Jonsson, K Hogdahl, C Harris, V H Troll and E M Jules
Elaine Dorothy Cu-Au (REE-U) Skarn Deposit — P Sha, C Spandler and J Chang
Laser Ablation ICP-MS Study on Fluid Inclusions of the Bajinmxue Skarn Zn-Pb Deposit, North-east China — G Xu, L Cheng, T Zeng, L Yao and J-M Huizenga
Geology, Chronology and Isotope Geochemistry in the Large Yojqilgen Zinc-Gold Deposit, Tongling Dire District, Anhui Province, China — G X Zhong, Y P Zhou and Z S Chang
The Evolution of Prograde Skarn at Yamaquau Iron-Zinc Deposit, Gaimunting, Eastern Kunkun — P Zuo, J Hao, S Ge and R Zhao

Volcanogenic Massive Sulfide Deposits
Severe Variations in the Abundance and Characteristics of Volcanogenic Massive Sulfide Deposits — Implications for Evolution of Convergent Tectonics and Ocean Geochemistry — D Huston, B Egplington, S Petssonsson and S Piercy

Project and Development
China/Asia/SE Asia Projects in Focus
The Story of Mining in Hong Kong — J-C Chu and J-S Li Shan
Stope Stability at the Big Gossan Skarn Deposit, Papua, Indonesia — K Sari, G de Jong, P Sahlah and W Sunyoto
Making A New Discovery Into A Mine
Improving Process Definition of Resources — C De-Vitry
Provinces and Case Studies

Eastern Australia
The Calci-silicate-hosted Watershed Tungsten Deposit, Far-north Queensland, Australia — M Gressnman and J Williamson
Stratigraphy of the Thomson Orogen — New Insights from Mt. McLaren, North-east Australia — M Lee, C Verdel and A Corofal

New Zealand
Exploration for Epithermal Gold Deposits in New Zealand — A B Christie and R G Barker
Technic Severe of Links Between Placer Gold and Its Sources, Southern New Zealand — D Craw and P Upton
A Resource Profile of Orogenic’s Macrae Gold Mine — J Moore and S Doyle

Technic and Mafic Influences on the Goldbocks Zone — Insights Into Controls on Ore Grade Epithermal Mineralisation from Northern New Zealand — J Rowland, S Barker, S Stirmi Patiwa, S F Simmons, M Simpson, C J Wilson and M Zuquim

Regional China
Genesis of the Fozichong Pb-Zn Polymetallic Large-sized Deposit, Guangxi, South China — Evidences from the Sulfide Minerals, Ore-forming Fluids and Isotopic Geochemistry — W Fu, M-C Chai, Q-J Yang, H-Y Chen, L-M Wei and X-R Huang

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PRLIMINARY LIST OF ABSTRACTS

Fluid Inclusion and Isotopic Constraints on the Mineralisation of the Shagou Au-Pb-Zn Deposit, Luoning, Henan Province, China — J Han, J Yao and H Chen
A Magmatic-hydrothermal Origin of Gold Deposits from the Xiahе-Hezuo Area, West Qingling Orogen, Western China — JHW Li

Where is the Source of the World-famous Nanling W–Sn Polymetallic Area, West Qinling Orogen, Western China — J-W Li

Fold-thrust Belt and its Significance to Regional Metallogeny — C Wu and H Chen

PACRIM 2015

CONGRESS TECHNICAL TOURS

T1: Geology of the North-east New Territories Region of the Hong Kong Geopark
Sunday 22 March 2015

The North-east New Territories Region of the Hong Kong Geopark is characterised by a variety of sedimentary rocks of Late Palaeozoic, Mesozoic and Cenozoic age. The region includes the oldest rocks, as well as the youngest rocks exposed in Hong Kong. Many of these strata are exposed along the shores of Tolo Channel, around Double Haven and in Mils Bay. The tour will include a boat trip down Tolo Channel, with several stops, to view the strata and other geological features. This tour will include examination of sedimentary rocks and strata, as well as a visit of the coastal and sedimentary breccia sequence which forms a spectacular arch.

Cost: HKD 559
Time: 8:00 am – 5:00 pm
Numbers: Minimum 24 – Maximum 48
Pick up point: Conrad Hotel, One Pacific Place
Inclusions: The price includes all transfers, meals and 2 nights’ accommodation at Hong Jun Wan Hot Springs Hotel (4 stars), entrance and activity fees.

Additional Information:
A subtropical humid monsoon climate, possible light rain and mild sunshine, temperature approx 20°C with cooler nights.
All bookings are subject to site approval and attendance is at the discretion of the site. Final itinerary details will be made available two weeks prior to the congress.

T2: Danxianshan Exploration Geo-Tour
Sunday 22 March – Tuesday 24 March 2015

Danxianshan is located in the north of Guangdong and is recognised as one of the Global Geoparks in China. The Danxia Mountain is formed from a reddish sandstone and conglomerate and is noted as ‘Danxia’ landform, which is well recognised in the geology internationally. This tour will visit the Zhangjiao Peak (Elder Peak) with the Sunrise View and Yang Yuan Rock (Male Rock) and will include boat rides in Xianglong Lake and the Jin River. Experience the collaboration of local heritage, religious culture and the geological landscape – ideal for accompanying persons.

Cost: HKD 4103
Time: 6:00 am on 22 March 2015 – 7:00 pm on 24 March 2015
Numbers: Minimum 10 – Maximum 20
Pick up and drop off point: 88 Queenensway, Hong Kong
Inclusions:
1. The price includes all transfers, meals and 2 nights’ accommodation at Conrad Hotel, One Pacific Place (4 stars), entrance and activity fees.
2. A subtropical humid monsoon climate, possible light rain and mild sunshine, temperature approx 20°C with cooler nights.
3. All bookings are subject to site approval and attendance is at the discretion of the site. Final itinerary details will be made available two weeks prior to the congress.

T3: Exploration Geo-Tour of Sai Kung South-east Volcanic Rock Region — Tuesday 17 March 2015

The geo tour to the Sai Kung south-east volcanic rock region of Hong Kong geopark is suggested for those who would like to explore the coastal geological landscapes with hexagonal volcanic rock columns. The volcanic rock with columnar joints found in the High Island region is a type of acidic rhyolite, dacite porphyroclastic lava. It is rich in potash feldspar and quartz phenocrysts and at around 400 metres thick, these rocks are known as High Island Formation. They are part of the Early Cretaceous Sai Kau Cha Volcanic Group. Most outcrops strata of Sharp Island belong to Mesozoic volcanic Clearwater Bay Formation, a formation composed primarily of flow-beraded phylilitic rhyolite, rhyolite breccia and eutectic vitric tuff. The Clearwater Bay Formation is part of the Sai Kau Cha Volcanic Group, which is composed primarily of these kind in the territory. It is marked by features of volcanic activities in Hong Kong during the final stage of the Mesozoic Era also found on Sharp Island, just below Clearwater Bay Formation, are Macau Union Formation volcanic rocks. The rock here is essentially eutectic philitite mixed with crystal bearing fine ash vitric tuff and tuff breccia.

Cost: HKD 559
Time: 8:00 am – 6:00 pm
Numbers: Minimum 24 – Maximum 48
Pick up point: Conrad Hotel, One Pacific Place, 88 Queenensway, Hong Kong
Inclusions:
1. The price includes all transfers, seafood buffet lunch, entrance and activity fees.
2. A subtropical humid monsoon climate, possible light rain and mild sunshine, temperature approx 20°C with cooler nights.
3. All bookings are subject to site approval and attendance is at the discretion of the site. Final itinerary details will be made available two weeks prior to the congress.

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CONGRESS TECHNICAL TOURS

T4: The Panzhihua Fe-Ti-V deposit and Lala Fe-Cu deposit, Sichuan Province, South-West China
Sunday 22 March – Thursday 26 March 2015

The tour will visit the Panzhihua Fe-Ti-V deposit and the Lala Fe-Cu deposit in Sichuan Province, South-West China. The Panzhihua deposit is one of the largest magmatic Fe-Ti-V oxide deposits in the world, containing 1.333 Mt with an average grade of 43% Fe, 11.7% Ti and 0.3% V. The Lala deposit is a giant hydrothermal Fe-Cu deposit in the Kangdian IOCG province, containing 200 Mt with an average grade of 13% Fe and 0.92% Cu, with associated Mo, Co, LREE and Au. The Panzhihua deposit is one of the largest magmatic Fe-Ti-V oxide deposits in Sichuan Province, South-West China. The tour will include visits to Eldorado Gold’s Jinfeng and Zijin’s Shuyiying operations, as well as updates on the geology and mineralization and plant facilities.

Cost: HKD 3450
Numbers: Minimum 5 – Maximum 15
Tour Start: Guiyang Longdongbao Airport
Tour Conclude: Jinlusheng Xiaozhen Hotel, #88 Baoshannan Road, Nanming District, Guiyang, Guizhou

Includes: The price includes and 2 nights’ accommodation at Qifeng Hotel at Shuangfeng (Bread Hill), Zhengfeng country.

Additional Information: Footwear, safety vest and hard hat will be provided on site at Jinfeng mine, and can be borrowed to be used at Zijin mine and returned to Jinfeng mine’s office in Zhengfeng county town. During March it is rainy and ranges between 5 and 25°C in Guiyang and between 7 and 27°C in Zhengfeng. All bookings are subject to site approval and attendance is at the discretion of the site. Attendees are responsible for organising their own visa. Final itinerary details will be made available two weeks prior to the congress. Tour Leaders: Ma Yuxiao, Mei-Fu Zhou and Wei Terry Chen

Please note: Flights from Hong Kong to Kunming, all meals and 4 nights’ accommodation.

Notes:
- Comfortable hiking boots and outdoor clothing are recommended.
- All bookings are subject to site approval and attendance is at the discretion of the site. Attendees are responsible for organising their own visa. Final itinerary details will be made available two weeks prior to the congress.

Tour Conclude: Shuangrufeng (Breast Hill), Zhengfeng country.

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<tr>
<td>T4</td>
<td>The Panzhihua Fe-Ti-V deposit and Lala Fe-Cu deposit, Sichuan Province, South-West China</td>
<td>4 hours</td>
<td>HKD 3450</td>
<td>Minimum 5 – Maximum 15</td>
<td>Hong Kong International Airport, Kunming to Guiyang</td>
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**T5: China’s Carlin-like Golden Triangle**

Sunday 22 March – Tuesday 24 March 2015

Jinfeng (Lanping) and Shuyiying gold mines (deposits) are the largest of the ‘Carlin-like’ deposits within China’s Golden Triangle. The tour will include visits to Eldorado Gold’s Jinfeng and Zijin’s Shuyiying operations, as well as updates on the geology and mineralization and plant facilities.

Cost: HKD 3450
Numbers: Minimum 5 – Maximum 15
Tour Start: Guiyang Longdongbao Airport
Tour Conclude: Jinlusheng Xiaozhen Hotel, #88 Baoshannan Road, Nanming District, Guiyang, Guizhou

Includes: The price includes and 2 nights’ accommodation at Qifeng Hotel at Shuangfeng (Bread Hill), Zhengfeng country.

Additional Information: Footwear, safety vest and hard hat will be provided on site at Jinfeng mine, and can be borrowed to be used at Zijin mine and returned to Jinfeng mine’s office in Zhengfeng county town. During March it is rainy and ranges between 5 and 25°C in Guiyang and between 7 and 27°C in Zhengfeng. All bookings are subject to site approval and attendance is at the discretion of the site. Attendees are responsible for organising their own visa. Final itinerary details will be made available two weeks prior to the congress. Tour Leaders: Ma Yuxiao, Mei-Fu Zhou and Wei Terry Chen

Please note: Flights from Hong Kong to Kunming, all meals and 4 nights’ accommodation.

Notes:
- Comfortable hiking boots and outdoor clothing are recommended.
- All bookings are subject to site approval and attendance is at the discretion of the site. Attendees are responsible for organising their own visa. Final itinerary details will be made available two weeks prior to the congress.

Tour Conclude: Shuangrufeng (Breast Hill), Zhengfeng country.

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<tr>
<td>T5</td>
<td>China’s Carlin-like Golden Triangle</td>
<td>4 hours</td>
<td>HKD 3450</td>
<td>Minimum 5 – Maximum 15</td>
<td>Hong Kong International Airport, Kunming to Guiyang</td>
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**T6: Porphyry Cu and Orogenic Au Deposits in Dexiong District, North-East Jiangxiang, South China**

Saturday 21 March – Monday 23 March 2015

This tour is a unique opportunity to visit three very different mineral deposits, all within a short distance. These are Dexiong porphyry Cu-Mo-Au deposits, Yizhao subvolcanic-related Cu-Au-Pb-Zn-Ag polymetallic deposit, and Jinhong orogenic Au deposit. The tour will visit three operating mines (both open pit and underground): Tongchang, Yizhao and Jinhong. The field visits will focus on the alteration assemblies associated with the porphyry Cu and orogenic Au mineralization. The mineralization (i.e., Cu-Mo-Au, Cu-Au, Pb-Zn-Ag, Au) will be presented and highlighted through deposit overviews and on-site tours over the course of this 2-day post-congress trip.

Cost: HKD 5600
Numbers: Minimum 5 – Maximum 50
Tour Start: Nanchang Changbei Airport, Jiangxi Province
Tour Conclude: Xinfeng Holiday Hotel, Nanchang City

Includes: The price includes, transfers, meals, 2 nights’ accommodation at Dexiong Hotel, Dexiong City and 1 nights’ accommodation at Xinfeng Hotel, Nanchang City.

Additional Information: Comfortable hiking boots and outdoor clothing are recommended.

Notes:
- All bookings are subject to site approval and attendance is at the discretion of the site. Attendees are responsible for organising their own visa. Final itinerary details will be made available two weeks prior to the congress.

Tour Leaders: Xingxin Wei, Chief Geoscientist, Janghei Nonferrous Metal Geological Exploration Bureau
Xiaofeng Li, Institute of Geology and Geophysics, Chinese Academy of Sciences
Xiaofeng Li, Institute of Geochemistry, Chinese Academy of Sciences

Please note: Flights from Xiamen to Shanghang, all meals and 2 nights’ accommodation at Zhijin Hotel, Shanghang, Fujian (4 stars).

Notes:
- Safety vests and hard hats will be provided on site at Zhijin gold mine and can be borrowed to be used on Zhijin gold mine site and returned to the mine office after the field trip has finished.
- All bookings are subject to site approval and attendance is at the discretion of the site. Attendees are responsible for organising their own visa. Final itinerary details will be made available two weeks prior to the congress.

Tour Leaders: Kailui Yang and Huayong Chen

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<td>T6</td>
<td>Porphyry Cu and Orogenic Au Deposits in Dexiong District, North-East Jiangxiang, South China</td>
<td>7 days</td>
<td>HKD 5600</td>
<td>Minimum 10 – Maximum 20</td>
<td>Hong Kong Airport</td>
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**T7: The Porphyry and Epithermal Systems of the Zijinshan Orefield, Shanghang, Fujian**

Sunday 22 March – Tuesday 24 March 2015

The Zijinshan ore field is the most complete porphyry-epithermal system in mainland China, and the aim of this excursion is to examine the nature and genesis of the key deposits (Zijinshan, Lushuoling, Yuyang) within the orefield. The tour will include a brief presentation on the regional and deposit scale geology by geologists from Zijin Mining, and a visit to the Zijinshan open pit, core shed and processing plant.

Cost: HKD 7250
Numbers: Minimum 10 – Maximum 20
Tour Start: Hong Kong Airport
Tour Conclude: Zijin Hotel (Xiamen), #128 Xiangyun 3rd Road, Huli District, Xiamen, Fujian

Includes: The price includes transfers from Xiamen to Shanghang, all meals and 2 nights’ accommodation at Zijin Hotel, Shanghang, Fujian (4 stars).

Additional Information: On site at Zijinshan gold mine and can be borrowed to be used on Zijinshan gold mine site and returned to the mine office after the field trip has finished.

Notes:
- All bookings are subject to site approval and attendance is at the discretion of the site. Attendees are responsible for organising their own visa. Final itinerary details will be made available two weeks prior to the congress.

Tour Leaders: Kailui Yang and Huayong Chen

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<tr>
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<td>The Porphyry and Epithermal Systems of the Zijinshan Orefield, Shanghang, Fujian</td>
<td>7 days</td>
<td>HKD 7250</td>
<td>Minimum 10 – Maximum 20</td>
<td>Hong Kong Airport</td>
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**EXPRESSION OF INTEREST – ADDITIONAL TECHNICAL TOURS**

Expression of interest is being taken for the following PACRIM technical tours:

- Ag-Au Deposits, Guangdong
- Bau Deposits in Sarawak, Malaysia
- Giant Porphyry Deposits of Mongolia

Please visit the congress website to express interest in attending.

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CONGRESS WORKSHOPS

W1: Geology, Mineral Deposits and Exploration in China
Saturday 21 March 2015

This course will provide a comprehensive overview of the mineral resources of China and the major challenges facing exploration in the country. The geology, ore characteristics and deposit distribution will be presented for the most widespread and economically important deposit types within Chinese and overseas experts from government, academia and industry. The requirements and difficulties of carrying out greenfields and brownfields exploration within China will be detailed from both local and Western company perspectives.

SAVE! Register before 31 January 2015 and save HKD 400

Cost:
- Early Bird: HKD 2000
- Standard: HKD 2500

Time: 9.00 am – 5.30 pm
Numbers: Minimum 40 – Maximum 100
Venue: Conrad Hong Kong, Pacific Place

Includes:
- Morning tea, lunch, afternoon tea and workshop manual

Presented by:
Steve Garwin, Independent Consultant; Adjunct Research Fellow, CRET University of Western Australia, Australia

W2: Regional Metallogenic to Local Controls on Circum-Pacific Gold and Copper Deposits
Tuesday 17 March 2015

The workshop will consist of two parts. The first, presented by Steve Garwin, is titled Tectonic and Structural Controls to Gold and Copper Mineralisation in the Circum-Pacific Region. This presentation will consist of three main topics:
1. Tectonic and regional structural controls for gold and copper mineralisation in South-east Asia – Western Pacific and the Peruvian Andes
2. Examples of district- and deposit-scale controls to porphyry and epithermal deposits in Indonesia, Japan and Peru
3. Controls to Carlin-type deposits in northern Nevada, USA and Guizhou Province, China.

The second part of the course, presented by Craig Hart, is titled Intrusion-related Gold Metallogeny. This presentation will consist of three main topics:
1. Intrusion-related gold systems and classifications, with an emphasis on Alaska and the Yukon
2. Redox controls on intrusion-related metallogeny
3. Controlling features of mineralizing intrusions.

Cost:
- AusIMM Member: HKD 2900
- Congress Supporter Member: HKD 2900
- Non-member: HKD 3600

Time: 9.00 am – 5.30 pm
Numbers: Minimum 30 – Maximum 50
Venue: Conrad Hong Kong, Pacific Place

Includes:
- Morning tea, lunch, afternoon tea and workshop manual

Presented by:
Steve Garwin, Independent Consultant; Adjunct Research Fellow, CRET University of Western Australia, Australia

W3: Skarn Deposits
Tuesday 17 March 2015

Skarn deposits are some of the largest ore deposits in the world but can be complicated in the field. This one-day workshop is designed to help explore 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 workshop 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
5. Zonation in skarn systems
6. Factors affecting the formation of skarns and zonation patterns
7. Skarn exploration techniques.

The workshop will include hand samples to demonstrate various skarn minerals, skarn types and zonation patterns.

Cost:
- AusIMM Member: HKD 2500
- Congress Supporter Member: HKD 2500
- Non-member: HKD 3000

Time: 9.00 am – 5.30 pm
Numbers: Minimum 20 – Maximum 50
Venue: Conrad Hong Kong, Pacific Place

Includes:
- Morning tea, lunch, afternoon tea and full colour workshop manual

Presented by:
Michael Gazley, Research Scientist, Mineral Resources Flagship, CSIRO

W4: Portable X-ray Fluorescence (pXRF) Technology
Monday 16 March 2015

Portable X-ray fluorescence (pXRF) technology can be used to collect large amounts of multi-element data rapidly at relatively low cost and has been widely embraced within the minerals industry. However, to date, it has been difficult to compare data-sets collected by different users or at different times because there is no standardised approach to the collection of these data. We will show you how to collect reliable pXRF data, some of the pitfalls to avoid and how to assess that your data are robust and fit-for-purpose.

Participants will be invited to provide input to the workshop regarding applications that they are interested in so that the short course can be focussed to their interests if possible.

Cost:
- AusIMM Member: HKD 2500
- Congress Supporter Member: HKD 2500
- Non-member: HKD 3000

Time: 9.00 am – 5.30 pm
Numbers: Minimum 10 – Maximum 50
Venue: Conrad Hong Kong, Pacific Place

Includes:
- Morning tea, lunch, afternoon tea and workshop manual

Presented by:
Jin Qi, Division of Exploration, CSIRO

W5: 21st Century Structural Geology for Exploration and Mining: From Cores to Drones
Monday 16 March 2015

Structural controls are emphasised as one of the most important controls on hydrothermal mineralization, but workplace practice in the exploration and mining industry does not always allow itself of the latest techniques in the discipline. This workshop will start with a refresher on the basics of structural geology, and show how these principles affect exploration and mining. New techniques of visualisation, working with oriented core, and using ground-based and UAV (drone) photogrammetry will be covered.

Cost:
- AusIMM Member: HKD 2500
- Congress Supporter Member: HKD 2500
- Non-member: HKD 3000

Time: 9.00 am – 5.30 pm
Numbers: Minimum 10 – Maximum 50
Venue: Conrad Hong Kong, Pacific Place

Includes:
- Morning tea, lunch, afternoon tea and workshop manual

Presented by:
Tom Blokzijl, School of Earth and Ocean Science, Cardiff University, United Kingdom

How to Succeed as a Western Exploration Company in China
Greg Collins, Eldorado Gold China Operations
**NETWORKING FUNCTIONS**

**Networking Drinks**

Before PACRIM 2015 kicks off join your fellow colleagues for a drink in the Lobby Bar of the Conrad Hong Kong.

**Date:** Tuesday 17 March 2015

**Location:** Conrad Hong Kong

**Dress:** Smart business casual

**Cost:** HKD 110 covers first beverage

**Welcome Reception**

Join us for a wonderful evening networking amongst colleagues. Renew old friendships and make new acquaintances as we welcome you to PACRIM 2015.

**Date:** Wednesday 18 March 2015

**Location:** Conrad Hong Kong

**Dress:** Smart business casual

**Cost:** Inclusive for all full registrations. Intention to attend this function must be indicated when registering. Additional tickets can be purchased via the registration form.

**Guests:** HKD 550

**Congress Dinner**

The social highlight of the congress! Join your fellow colleagues and enjoy a fabulous three course meal, beverages and entertainment.

**Date:** Thursday 19 March 2015

**Location:** Conrad Hong Kong

**Dress:** Smart business casual

**Cost:** Inclusive for all full registrations. Attendance to the congress dinner is not included in student registrations and additional tickets can be purchased via the registration form.

**Guests:** HKD 1364

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**Hydrothermal Fluid Society**

Beginning at the Gordon Research Conference in 1997, a small group of wine lovers started a tradition of hosting wine tastings at major international meetings. This group, called the Hydrothermal Fluid Society, is thrilled and delighted to propose to convene the 33rd semi-regular meeting of the Hydrothermal Fluid Society in conjunction with PACRIM 2015. Due to the anticipated large number of people who might wish to attend this particular HFS, Rule 17c has been invoked, meaning you must:

1. Register prior to 31 January 2015 so that we have an accurate head count.
2. Email your wine details (eg 2008 Craggy Range, Cabernet Sauvignon, Gimbel Gravels, Hawke Bay, New Zealand) to Larry Meinert at LMeinert@gmail.com prior to the event so he can compile THE LIST.

Do not even think about bringing wimpy wines! If for airline restriction reasons you cannot bring wine with you and plan to purchase wine in Hong Kong, you still must RSVP prior to Friday 20 February 2015 and then let us know your wine details once purchased.

Hong Kong customs allows a passenger aged 18 or above to bring into Hong Kong, for his or her own use, 1 litre of alcoholic liquor with an alcoholic strength above 30% by volume measured at a temperature of 20°C, exempted from duty.

**Date:** Friday 20 March 2015

**Time:** 6.00 pm – 8.00 pm

**Location:** The Tai Chi Room

**Roma Group. 38F, China Resources Building 26 Harbour Road, WAN CHAI, HONG KONG S A R**

**Dress:** Casual

**Cost:** HKD 450 includes finger food

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**CONGRESS INFORMATION**

**CONGRESS VENUE AND ACCOMMODATION**

**Conrad Hong Kong**

Pacific Place

88 Queensway, Hong Kong

Telephone: 852-2521-3838

Website: conradhotels3.hilton.com

Conrad Hong Kong is pleased to offer PACRIM 2015 congress attendees the below discounted accommodation rates:

- Superior Room HKD 3200

Please refer to the Congress website for booking information.

**DISCOVER HONG KONG**

Once you arrive in Hong Kong you can enjoy a range of half and full-day tours to experience the true diversity of the city, where myths inhabit mountain peaks and legends live among towering skyscrapers. From the breathtaking skyline of Hong Kong Island to the rustic villages and forested mountain ranges of the New Territories, explore Asia’s world city by day to experience all it has to offer.

Perfect for accompanying partners and those delegates wishing to spend more time in Hong Kong either before or after the congress. Please visit the congress website for further information.

**EVENT MANAGEMENT: The AUSIMM**

Alison McKenzie, Senior Manager, Events

Cassandra Benn, Senior Coordinator, Events

Matt Hadley, Coordinator, Publishing

The Australasian Institute of Mining & Metallurgy (The AUSIMM)

PO Box 660, Carlton South Victoria 3053

Telephone: + 61 3 9658 6101

Email: cbenn@ausimm.com.au

Website: www.ausimm.com

**CONGRESS PROCEEDINGS**

All delegates will receive a printed copy and USB congress proceedings containing extended abstracts. Additional copies of the proceedings may be purchased via the registration form or at the congress from the registration desk.

- Additional USB Proceedings cost HKD 200
- Additional Printed Proceedings cost HKD 360

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**REGISTRATION DESK**

The registration desk will be open during the following hours:

- Tuesday 17 March 2015 4.00 pm – 6.00 pm
- Wednesday 18 March 2015 7.30 am – 5.00 pm
- Thursday 19 March 2015 8.00 am – 5.00 pm
- Friday 20 March 2015 8.00 am – 3.30 pm

*Time to be confirmed

**CONGRESS NAME BADGES**

All participants at the congress will be issued with a name badge upon registration. Your name badge is the official pass to all sessions and must be worn at all times. Lost name tags can be replaced at the registration desk.

**SPECIAL REQUIREMENTS**

Every effort is made to ensure people with special requirements are catered for. Should you require specific assistance or dietary requirements, please include a notation with your registration form to enable us to make your visit a pleasant and comfortable experience.

**DRESS CODE**

The dress code for the congress, social functions and workshops is smart business casual.

**JUSTIFICATION OF ATTENDANCE LETTER**

We know that travel and training budgets are tight, and it can be difficult to get approval to attend events and conferences. A justification of attendance letter can be downloaded from the congress website detailing the reasons why attending PACRIM 2015 is beneficial for you and your company.

**VISA INFORMATION**

Australian nationals whose passports have at least six months validity can enter Hong Kong for a period of up to three months without a visa. Visas for mainland China can be obtained at the Chinese Consulate offices in Hong Kong. Please see website for further information.

**CLIMATE**

Hong Kong has a sub-tropical climate with distinct seasons. PACRIM 2015 takes place in spring. During this season, temperature and humidity will begin to rise before cooling down in the evening. The average temperature is between 17°C – 26°C.

**RUGBY 7’S**

PACRIM delegates will have the opportunity to extend their stay and attend the Hong Kong Rugby 7’s which takes place immediately after PACRIM from 25 – 30 March 2015. PACRIM delegates have been offered discount packages to attend.

Please visit the website for further information.
SECTION 1 – PERSONAL DETAILS
Please indicate (✔) if you do NOT wish to appear on the list of participants

Title: Prof Dr Mr Mrs Ms Miss

Last Name*
First Name*

Preferred Name*

Function: Congress Supporter

Member Number

Organisation*

Position*
Address*

City* State*

Post Code* Country*

Telephone* Mobile

Email*

Registration closes 31 January 2015. All participants are required to officially register for PACRIM 2015.

SECTION 2 – CONGRESS REGISTRATION
Please indicate (✔) if you do NOT wish to appear on the list of participants

Congress fees are quoted in Hong Kong Dollars.

Full Registrations

<table>
<thead>
<tr>
<th>Category</th>
<th>Early Bird Paid on or before 31 January 2015</th>
<th>Standard Paid on or after 1 February 2015</th>
<th>TOTAL</th>
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<tr>
<td>AusIMM Member</td>
<td>HKD 7140</td>
<td>HKD 8400</td>
<td>HKD</td>
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<td>HKD 7140</td>
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<tr>
<td>Author</td>
<td>HKD 6545</td>
<td>HKD 7700</td>
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<td>Non-member</td>
<td>HKD 9870</td>
<td>HKD 11 590</td>
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<td>New Professional Member</td>
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<td>HKD 7700</td>
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Day Registrations

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<tr>
<td>Non-member</td>
<td>HKD 3600</td>
<td>18 March 19 March 20 March</td>
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* Dinner is not included in student registrations

Congress Registration Total HKD

SECTION 3 – NETWORKING FUNCTION TICKETS
Please indicate your attendance at all functions and advise if additional tickets are required. Boxes not ticked indicate you will not be attending.

<table>
<thead>
<tr>
<th>Function</th>
<th>Complimentary Attendance</th>
<th>Guest/Additional Tickets</th>
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<tbody>
<tr>
<td>Networking Drinks</td>
<td>HKD 110 per person (       ) ticket/s</td>
<td>HKD</td>
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<tr>
<td>Welcome Reception</td>
<td>Yes HKD 550 per person (         ) ticket/s</td>
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<tr>
<td>Congress Dinner</td>
<td>Yes HKD 1364 per person (         ) ticket/s</td>
<td>HKD</td>
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<tr>
<td>Hydrothermal Fluid Society</td>
<td>HKD 450 per person (         ) ticket/s</td>
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Congress Networking Total HKD

SECTION 4 – CONGRESS PROCEEDINGS
Note: one printed and one USB copy of the proceedings is included with your registration.

<table>
<thead>
<tr>
<th>Function</th>
<th>Price</th>
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<tbody>
<tr>
<td>Additional USB Proceedings</td>
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<td>Additional Printed Proceedings</td>
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SECTION 5 – CONGRESS WORKSHOPS

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<th>Function</th>
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<tbody>
<tr>
<td>AusIMM Member</td>
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<td>Congress Supporter</td>
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<tr>
<td>Non-member</td>
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<tr>
<td>Student</td>
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| AusIMM member/Congress Supporter Non-member | HKD 2900 | HKD 3600 |
| Student Harbour                      | HKD 2500 | HKD 3000 |
| Portable X-ray                      | HKD 3000 | HKD 3500 |
| 21st Century Structural Geology       | HKD 2500 | HKD 3000 |

Congress Workshop Total HKD

SECTION 6 – CONGRESS TECHNICAL TOURS

<table>
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<th>Function</th>
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<td>Geology of Hong Kong Geopark</td>
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<tr>
<td>Exploration Geo-Tour</td>
<td>HKD 4100</td>
</tr>
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<td>Exploration Geo-Tour at Tai Kong</td>
<td>HKD 359</td>
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<tr>
<td>Pechinas Hu–Ti–V deposit</td>
<td>HKD 749</td>
</tr>
<tr>
<td>China’s Carlin-like Golden Triangle</td>
<td>HKD 3450</td>
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<tr>
<td>Porphyry Cu and Ormogenic Au Deposits</td>
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<td>The Porphyry and Epithermal Systems</td>
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Congress Tours Total HKD

SECTION 7 – PAYMENT – INVOICE

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<tbody>
<tr>
<td></td>
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</tbody>
</table>

How to register

Telephone: +61 3 9658 6120 Facsimile: +61 3 9662 3662 Email: conference@ausimm.com.au Online: www.pacrim2015.ausimm.com.au

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