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Person	al Details																						
Title (please circle) Prof Dr Mr Mrs Miss Ms						Ms	AusIMM Membership Number																
First Name	e:				Last Name:																		
Position:								Organisation:															
Name to appear on badge:																							
Name of a	accompanying person:																						
Address:																							
																		Post C	Code:				
Email:																							
Telephone:							Facsimile:																
Accommodation  Please contact the hotels directly to make a reservation. A substantial discounted rate has been negotiated with the Conference venue,						Registration Fees - All prices include GST & are in New Zealand currency. Speakers at the conference are invited to register at the members' rate. This concession does not apply to coauthors not presenting a paper. Cancellation and refunds: before July 15 - full, before August 15 - 50%, after August 15 - no refund (no exceptions). Cancellations must be by letter, fax or email.														- 15 -			
the Millennium Hotel. To obtain this rate you must specify when booking that you are attending the AusIMM 2009 Conference. Contact details for accommodation are listed below:						Earl					y-bir	bird (on or before 15 July)				Standard (on or after 16 July)							
						AusIMM member						\$300					\$400						
Corne	Millennium Hotel Copthorne Hotel Corner Frankton Road Corner Frankton Rd							Non-AusIMM member						\$450					\$600				
T: +64	nley Street 1 3 441 8888	& Adelaide St T: +64 3 450 0260						Student AuslMM member (assistance available)					\$45					\$45					
F: +64 3 441 8889 F: +64 3 442 7472  For further accommodation listings visit						Student non-AusIMM member					\$90					\$90							
www.queenstown-nz.co.nz/information/accommodation						Speaker					\$300				\$300								
Social Functions - All prices include GST & are in New Zealand currency.  Please indicate number attending						Day Registration member *						\$175					\$175						
	Welcome Function - Free (Tuesday 25 August)						Day Registration non-member *					\$250					\$2			0			
	Student Function - Free (Tuesday 25 August)						* indicate day 25 Augus					_							27 August				
								Payment -All prices include GST & are in New Zealand currency. GST#55-029-539														_	
	Conference Dinner - (We	Vednesday 26 August) \$95pp						Please include payment itemised as follows:													_		
	Farewell Function - Earnslaw Cruise (Thursday, 27 August) \$95pp						Conference registration fees  Conference dinner															$\dashv$	
Field Trips - All prices include GST & are in NZ\$. Please indicate numbers attending.						Earnslaw Cruise														$\dashv$			
Pre-conference						Field trips / Courses / Tours															$\dashv$		
North Island epithermal gold deposits (Cost: Contact Tony Christie)						Payment must accompany registration										Total					-		
Deat Occ							Cheques should be payable in NZ\$ to - AusIMM Conference Account														$\dashv$		
Post Con	Inference 1 - Day Field Trips  Macraes mine (\$85)  Wineries and terroir (\$95)						Direc	t cred	it to ac	count	t numb	oer: (	02-07	04-0	4714	125-02	29					$\dashv$	
	Macraes mine (\$85)		<u> </u>	Wine	ries and te	erroir (\$95	")		Direct credit to account number: 02-0704-0471425-029 Please add the description to your direct credit 'AusIMM – Surname'														
	Coal, lignite and coal bed	al, lignite and coal bed methane of Southland (\$85)						Credit cards (Tick) Visa								Mastercard							
Partners	s Programme							Credi	t card	numbe	r:												
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Email:						Exnin	v Date		1	,		Signs	ature.	<u> </u>							닉		
Short Courses - All prices include GST & are in NZ\$. Please indicate numbers attending.						Expiry Date: / / Signature:  Name on card:												$\dashv$					
	Exploration in the intrusion-centred hydrothermal environment: relationships among porphyry, skarn and epithermal alteration and ores 24 & 25 Aug <b>(\$495)</b>							Post	or fax	to:		DC 7		070 ::	4-11°								$\dashv$
	Structural controls in orog	ogenic and epithermal gold deposits 29 Aug (\$250)										PO Bo 04 38					confer.	co.nz					_



25 August - 28 August, Millennium Hotel, Queenstown, NZ

The annual conference on exploration and mining in New Zealand

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Exciting speakers

Register online at www.ausimm.co.nz or complete and fax/mail form on back cover







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# This conference features a unique grouping of speakers and excellent field trips, short courses and tours

Please visit www.ausimm.co.nz for the full conference programme and course, field trips and tours details



#### CORE THEMES ARE

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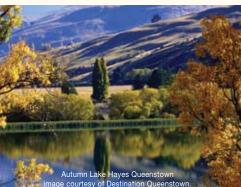


#### **INDUSTRY LEADERS**

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#### **FINANCE**

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#### INFRASTRUCTURE AND RESOURCES

James Boyce - President, Aggregate and Quarry Association

MINERS, RESEARCHERS & EXPLORERS

Peter Whittall - General Manager Pike River Coal Ltd

Graeme Martin - CEO Otago Regional Council



Photos courtesy OceanaGold, GNS Science & Newmont Waihi

Kirsty Hollis - Newmont Waihi Gold

Basil Beamish - Queensland University

Dave Craw - Otago University

**ENVIRONMENTAL** 

John Taylor & Sue Bonham-Carter - Solid Energy & Golders



### Short courses

Visit www.ausimm.co.nz or contact Tony Christie ph 04 570-4682 or email t.christie@gns.cri.nz for more detailed information.

## Exploration in the intrusion-centred hydrothermal environment: relationships among porphyry, skarn and epithermal alteration and ores

Monday 24 August and Tuesday 25 August (2 days), 9 am - 5 pm Cost: \$495 [includes morning and afternoon coffee/tea, and lunches] Students \$150

The workshop will focus on the magmatic-hydrothermal environment in order to understand both the individual ore types and how they are related. Following background material on active hydrothermal systems, the characteristics of each deposit type will be reviewed, particularly alteration zonation. Aspects that are critical for exploration as well as for understanding the relationships between deposit types will be examined. Examples of major porphyry, skarn, and epithermal deposits will be used to demonstrate how exploration can

Presenters: Jeff Hedenquist is a consulting economic geologist based in Ottawa, Canada, and is also an adjunct professor at the University of Ottawa. He spent 10 years each with national institutes in New Zealand and Japan, conducting research on active hydrothermal systems, including the study of metal flux from active volcanoes. He has worked on epithermal and porphyry deposits in 35 countries over the past 25 years, and has taught more than

Larry Meinert is a Professor at Smith College, USA. He has published extensively on skarn deposits and related intrusions. He works extensively with private industry and government agencies in more than 30 countries on projects ranging from grass-roots exploration to mine development to applied research. He is the current editor of Economic Geology.

## Structural controls in orogenic and epithermal gold deposits

Saturday, 29 August, 9 am - 5 pm Cost: \$250 (includes morning and afternoon coffee/tea, and lunch)

The study of many mineral systems and deposits frequently lacks an appropriate level of structural analysis that ultimately inhibits the development of properly constrained genetic or exploration models. This course will examine the structural environments and trap site characteristics of orogenic gold and low sulphidation epithermal gold deposits. It will focus on key deformation mechanisms that control trap site development and evolution. Several deposits will be used to demonstrate how one might approach structural



analysis in these gold mineralised environments. The course is designed to illustrate, using many field examples, many of the important observations required, as well as an interpretation approach using 'process thinking'. This course would be of interest to anyone concerned with the study of, or exploration for, orogenic and low sulphidation gold systems

Presenter: Brett Davies is an independent consultant specialising in structural geology of ore deposits. Brett has a broad international experience in applied structural geology at deposit to regional scales. He has a particular interest in ensuring effective structural analysis and the proper application and integration of such analyses in the evaluation of mineral systems and deposits. He has presented a large number of short courses in structural analysis.



# Accompanying persons tours

Visit www.ausimm.co.nz or contact Heather Atkinson phone 03 442 2042 or email heathera@ihug.co.nz for more detailed information.

Queenstown offers a wide variety of sightseeing tours and activities. A full programme of tours will be available for accompanying persons on Wednesday 26 and Thursday 27 August. The tours will depart at 9.30 am each morning from the front entrance of the Millennium Hotel, and are planned to return to the hotel by 5.00 pm. The specific activities will be decided on the day, based on participants choice.







Clock tower, Shotover Street, Queenstown. Lake Wakatipu - Queenstown region. Mountain biking. Images courtesy of Destination Q



## Field Trips

Visit www.ausimm.co.nz or contact Tony Christie ph 04 570-4682 or email t.christie@gns.cri.nz for more detailed information.

### PRE-CONFERENCE

## North Island epithermal gold deposits -Saturday 22 to Tuesday 25 August

Cost: Contact Tony Christie

The field trip will visit Waihi (Martha and Favona mines), Karangahake and Golden Cross in the Hauraki Goldfield, and active geothermal fields in the Taupo Volcanic Zone. It finishes at Rotorua airport on Tuesday to connect with a flight to Queenstown.

#### POST CONFERENCE

1 - Day Field Trips Thursday 28 August (3 options)

#### Macraes mine

Cost: \$85 (includes land transport and packed lunch)

Oceana Gold's Macraes mine is New Zealand's largest gold mine and has produced more than 2 million ounces of gold from several open pits and Frasers underground mine. The tour at the mine will commence with a presentation on geology and mining at Macraes, then tours of Frasers pit, a mill overview, Golden Point battery historic reserve and a trout hatchery.

# Coal, lignite and coal bed methane of Southland

Cost: \$85 (includes land transport and packed lunch)

Eastern Southland produces about 250,000 t of lignite and 150,000 t of sub bituminous coal annually and contains most of New Zealand's coal resources in its significant lignite deposits. The tour will visit New Vale lignite mine, lignite deposits in Eastern Southland, and see current exploration for coal bed methane.

#### Wineries and terroir

Cost: \$95 (includes land transport, winery tasting fees and restaurant lunch)

Central Otago is gaining a reputation for being one of New Zealand's foremost wine regions for Pinot Noir (www.otagowine.com), in addition to some excellent Riesling, Pinot Gris, Chardonnay and Methode Champenoise The tour will visit four wineries to investigate these regional differences, and will include lectures from some experts on the influence of geology as a factor in the terroir -"a sense of place".



Wine Tasting, Gibbston Valley Cave, Queenstown image courtesy of Destination Queenstow

