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Geochemical Society

NEWS AND NOTES FROM SAINT LOUIS

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Since January, the Geochemical Society's web address is now www.geochemsoc.org. Accordingly, the business office's address has also changed to gsoffice@geochemsoc.org. No need to fret, your bookmarks and address books to the old addresses will still work.

Seeking Job Announcements!

We have begun a free community job listing on our website, but we need your help to fill it with important job opportunities. Visit www.geochemsoc.org/announce/joblist.html to view the latest postings.

GS at Spring AGU Meeting

The Geochemical Society is a sponsor of the 2006 Joint Assembly, 23–26 May, in Baltimore, Maryland (USA). For more information, visit www.agu.org/meetings/ja06

Elsevier Publication Discount

Through an agreement with Elsevier, Geochemical Society members can take advantage of a 25% discount on the company's full line of books, including the paperback editions of the *Treatise on Geochemistry*.

Order forms can be found either in *Geochemical News* or online at: <http://gs.wustl.edu/join/elsevierbooks.pdf>

Subscription Services

Please contact the business office for help if you are experiencing any of the following:

- Missing issues of your GCA subscription
- Problems with your GCA online access
- Problems with your G-cubed online access
- Also, if your contact information has changed, please let us know.

Seth Davis

GEOCHEMICAL SOCIETY-RELATED QUESTIONS OR COMMENTS?

Send them to the Geochemical Society Business Office:

Seth Davis

Geochemical Society Business Manager

Washington University/EPSC
One Brookings Drive, CB 1169
Saint Louis, MO 63130-4899 USA
E-mail: gsoffice@geochemsoc.org
Tel.: 314-935-4131
Fax: 314-935-4121
www.geochemsoc.org



THE GOLDSCHMIDT ABSTRACT DEADLINE IS FAST APPROACHING

Registrations are now being accepted for the 2006 Goldschmidt Conference in Melbourne, Australia. Remember that members receive a substantial registration discount. Visit <http://www.goldschmidt2006.org> to register as well as for information on programs, field trips, events, and exhibits.

ARE YOU INTERESTED IN HOSTING A NORTH AMERICAN GOLDSCHMIDT?

The GS Board of Directors will be examining North American bids for the 2010 Goldschmidt Conference during the 2006 annual board meeting on August 26, in Melbourne, Australia. If you, your university, or your city are interested in submitting a bid, please contact the GS Business Office at gsoffice@geochemsoc.org.



The January 2006 issue of *Geochemical News* is now available for downloading at: www.geochemsoc.org.

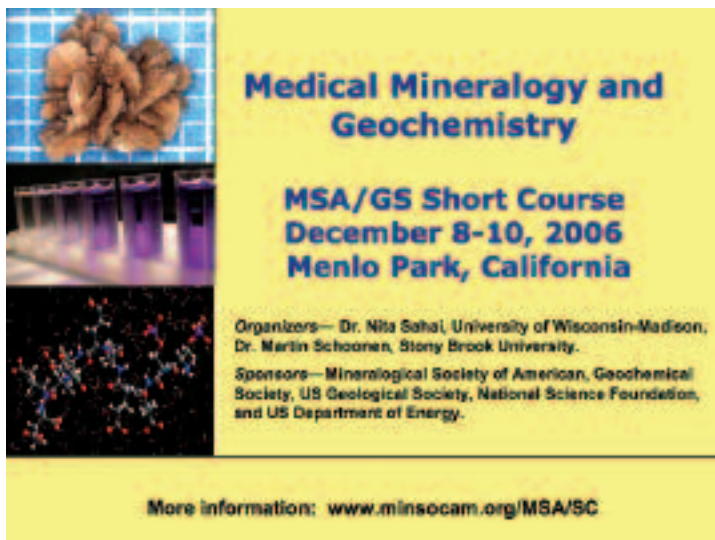
Features include:

Podcasting and the Earth Sciences

Book Review of RiMG 57

Showcase of the EMS Institute

Showcase of the Center for Environmental Kinetic Analysis



16th Annual V.M. Goldschmidt Conference 2006

27 August – 1 September 2006

Melbourne Exhibition and Convention Centre, Melbourne, Australia

www.goldschmidt2006.org



Conference topics shall highlight important issues, facilitate open discussion and provide fresh perspectives. Please visit the conference website for more details and to register for this not-to-be-missed conference. A program summary is provided below.

Theme 1: Advances in techniques in geochemistry

Trevor Ireland, Andrew Berry

- S1-01: Nuclear methods in geochemistry
- S1-02: Reactions and processes at mineral surfaces and boundaries
- S1-03: Determining coordination and structure with synchrotron light
- S1-04: Techniques for Earthtime and CRONUS
- S1-05: Techniques for isotopic and abundance measurements of light elements
- S1-06: Techniques for heavy stable isotope analysis
- S1-07: Techniques for nanoscale geochemistry
- S1-08: Noble gases in the 21st century

Theme 2: Mineral deposits and ore geochemistry

Andy Barnicoat, Chris Heinrich

- S2-01: Quantitative hydrodynamic and thermodynamic modelling of hydrothermal processes
- S2-02: Fluid–melt–mineral interactions in nature and experiments
- S2-03: Element mobility in the regolith: ore body formation, dispersion and discovery
- S2-04: Geochemical and isotopic techniques – applications to ore deposits and exploration
- S2-05: Sources and mobility of metals across scales: from veins to the lithosphere
- S2-06: Sulfide mineralogy and geochemistry; to mark the publication of Vol 60 in the *Reviews in Mineralogy and Geochemistry* series
- S2-07: Geochemistry of platinum group elements and their ores

Theme 3: Solar system formation

Herbert Palme, Marc Norman

- S3-01: Chronology of the early solar system (including an additional workshop on construction of a time scale for the early solar system)
- S3-02: Stellar and nebular processes
- S3-03: Planetary formation and differentiation
- S3-04: Geochemistry of planetary surfaces
- S3-05: Cosmochemistry of habitable planets

Theme 4: Convecting Mantle

Bernie Wood, Janne Blichert-Toft

- S4-01: Experimental constraints on upper mantle processes – a special symposium honouring Prof. David H. Green
 - S4-02: Messages from the past—the signature of ancient subduction
 - S4-03: Early mantle evolution
 - S4-04: Mantle–core interactions
 - S4-05: Perovskite and post-perovskite stability: geochemical and geodynamical consequences
 - S4-06: Melting at ridges
 - S4-07: Volatiles in the mantle
 - S4-08: Plumes and large igneous provinces
- See also S5-07

Theme 5: Lithosphere evolution

Roberta Rudnick, Greg Yaxley

- S5-01: The deepest lithosphere and beyond: Diamonds and related research – a session in honour of Jeff W. Harris
- S5-02: Earth evolution 4.5 to 3.5 Ga: Deciphering the earliest global systems
- S5-03: Geochemical and geophysical probing of continental dynamics
- S5-04: Precambrian ophiolites and greenstone belts: insights into mantle dynamics and lithosphere evolution
- S5-05: Processes of mantle refertilisation and modification
- S5-06: Ross Taylor symposium – celebrating Ross' career and contributions
- S5-07: Shen-su Sun Symposium – Geochemical reservoirs and mantle convection (jointly with theme 4)
- S5-08: Continental crust subduction and recycling
- S5-09: Granites and mantle–crust interaction

Theme 6: Subduction processes

Tim Elliott, Richard Arculus

- S6-01: Fluid loss during early (< 2 GPa) subduction
- S6-02: “Deep” fluid release from the slab
- S6-03: Mantle melting in subduction zones
- S6-04: Unscrambling differentiation
- S6-05: Mineralisation at subduction zones
- S6-06: Subduction zone evolution in 4-D

Theme 7: Geochemical constraints on timescales and mechanisms of tectonic processes

Derek Vance, Joerg Hermann

- S7-01: Accessory phases and trace elements: links between geochronology and petrology
- S7-02: Up and down: Geochemical constraints on paleotopography and tectonic geomorphology
- S7-03: Fast and furious versus slow and steady: rates of tectonic and magmatic processes
- S7-04: Extreme metamorphism
- S7-05: Light elements in the continental crust
- S7-06: Fault systems: their geochronology and geochemistry

Theme 8: Biogeochemistry and the origin and evolution of life

Malcolm Walter, Mike Russell

- S8-01: Mediation across the abiotic–biotic transition at the dawn of life
- S8-02: Quantum aspects of life
- S8-03: Novel isotopic tracers of biogeochemical processes
- S8-04: Compound specific isotope analysis and its contributions to palaeoreconstruction
- S8-05: Major episodes of extinction, radiation and biogeochemical change
- S8-06: Microbe–mineral interactions
- S8-07: Life's signatures and products up to 2.0 Ga
- S8-08: Possible biogeochemistries of Mars
- S8-09: Timescales of human evolution

Theme 9: Aquatic geochemistry and fluids in the crust

John Mavrogenes, Sue Brantley

- S9-01: Fluid immiscibility in high-T systems
- S9-02: Supercritical behaviour
- S9-03: Water–rock interaction in aquifers: reactions, rates, controls
- S9-04: Low-temperature geochemistry in surface environments
- S9-05: Nanoscale-size effects on geochemical processes: reactivity, kinetics, and pathways

Theme 10: Surface processes, low temperature systems and landscape evolution

Paulo Vasconcelos, Rod Brown

- S10-01: Geochemistry, chronology and global consequences of terrestrial weathering
- S10-02: Low-temperature thermochronometry: models, methods and applications
- S10-03: Terrestrial cosmogenic nuclides: surface process rates and/or dates?
- S10-04: Biogeochemical cycling of elements in the surficial environment
- S10-05: High-resolution palaeoclimate chronologies and proxies
- S10-06: Synchrotron applications to environmental mineralogy
- S10-07: Mobility, availability and toxicity of pollutants
- S10-08: Geochemistry of wine

Theme 11: Ocean chemistry and circulation: climate and environment

Rachael James, Malcolm McCulloch

- S11-01: Deep-sea carbonate systems
- S11-02: Marine biogeochemical forcing of Earth's atmosphere on short and long timescales
- S11-03: Ocean chemistry: past, present and future
- S11-04: Geochemical proxies for the past marine environment
- S11-05: Continental input of dissolved material to the oceans: control and fate
- S11-06: Absolute and relative chronologies of climate change

General Symposia

- G-01: Analytical geochemistry
- G-02: Atmospheric geochemistry
- G-03: Biogeochemistry
- G-04: Computational geochemistry
- G-05: Cosmochemistry
- G-06: Crystallography
- G-07: Environmental geochemistry/mineralogy
- G-08: Experimental geochemistry/petrology
- G-09: Geochronology
- G-10: Hydrology/hydrogeochemistry
- G-11: Hydrothermal geochemistry
- G-12: Igneous geochemistry
- G-13: Isotope geochemistry
- G-14: Marine geochemistry
- G-15: Metamorphic geochemistry
- G-16: Mineral deposits