



www.geochemsoc.org

Geochemical Society

FROM THE PRESIDENT

Seeking Goldschmidt Conference Proposals

The Geochemical Society and the European Association for Geochemistry held the Goldschmidt Conference for the first time in Australia in August 2006. The meeting was a resounding success under the leadership of a first-rate executive committee (chaired by Simon Turner of Macquarie University), programming committee, and the conference management skills of Tour Host Pty Limited. It marked the second time that the Goldschmidt Conference was held outside North America and Europe (the previous time was the 13th Goldschmidt Conference, held in Kurashiki, Japan, in 2003).

GS and EAG are now returning to the regular rotation of Goldschmidt meetings between Europe and North America. The 2007 Goldschmidt (www.goldschmidt2007.org) will be held in Cologne, Germany, August 19–24, 2007 with the theme “atoms to planets.” The Cologne Goldschmidt organizing committee is chaired by Herbert Palme (herbert.palme@uni-koeln.de) of Universität zu Köln. Prof. Dominique Weis (dweis@eos.ubc.ca) of the University of British Columbia is chairing the organizing committee for the 2008 Goldschmidt Conference in Vancouver, BC, Canada (July 13–18, 2008). Preparations are also being made to return to Davos, Switzerland, for the 2009 Goldschmidt Conference, led by Chris Ballentine (chris.ballentine@manchester.ac.uk) of the University of Manchester.

Past and Future Goldschmidt Conferences

YEAR	ORGANIZING COMMITTEE CHAIR(S)	LOCATION
1988	Hu Barnes	Baltimore, MD, USA
1990	Peter Deines	Baltimore, MD, USA
1992	Bruce Doe	Reston, VA, USA
1994	Ben Harte	Edinburgh, Scotland, UK
1995	Hu Barnes, Peter Deines	University Park, PA, USA
1996	Hans Lippolt	Heidelberg, Germany
1997	Michael Drake	Tucson, AZ, USA
1998	Jacques Schott, Stacey Callahan	Toulouse, France
1999	Stein Jacobsen	Cambridge, MA, USA
2000	Max Coleman, Christopher Hawkesworth, Keith O’Nions	Oxford, UK
2001	Robert Bodnar, Michael Hochella	Hot Springs, VA, USA
2002	Alex Halliday, Jan Kramers, Rainer Wieler	Davos, Switzerland
2003	Yukihiro Matsuhisa, Jun-ichi Matsuda	Kurashiki, Japan
2004	Susan Stipp, Bjørn Jamtveit, Børge Nielsen	Copenhagen, Denmark
2005	Scott Wood, Mickey Gunter, Peter Larson	Moscow, ID, USA
2006	Simon Turner	Melbourne, Australia
2007	Herbert Palme, Albrecht Hofmann, Carsten Münker, Sumit Chakraborty	Cologne, Germany
2008	Dominique Weis	Vancouver, BC, Canada
2009	Christopher Ballentine	Davos, Switzerland

GS is currently seeking informal proposals for the 2010 and 2012 Goldschmidt meetings. Both meetings are expected to be held in North America. Informal proposals should include the planned date and venue, the organizing committee, the programming committee, a list of participating institutions, and an estimate of the cost to delegates. Informal proposals should be sent via e-mail to the addresses below by **March 31**. After the Board has examined these informal proposals, we will ask for formal proposals to be presented at the Board of Directors meeting in Cologne (August 18, 2006).

Please submit your informal proposals to host a meeting in North America. As you know, Goldschmidt Conferences are generally huge successes. Hosting such a meeting is one of the most important contributions you can make to your society.

Sue Brantley,

President, Geochemical Society (brantley@eesi.psu.edu)

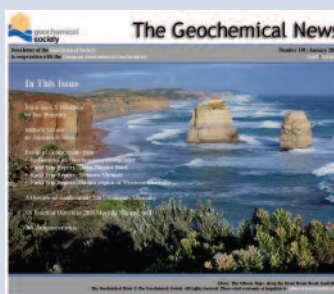
Seth Davis,

Business Manager, Geochemical Society (gsoffice@geochemsoc.org)

www.goldschmidt2007.org
17th Annual Goldschmidt Conference,
Cologne, Germany
August 19–24, 2007
Organizing Committee:
Herbert Palme, Albrecht Hofmann, Carsten Münker,
and Sumit Chakraborty

NOTES FROM SAINT LOUIS

Coming up in the January 2007 Edition of The Geochemical News



- A retrospective of the Melbourne Goldschmidt from Denisa Adamova et al.
- Melbourne field trip reports from Ian Plimer, Jon Woodhead, Martin Van Kranendonk, and Andrew Christian
- Useful information regarding the 2007 Cologne Goldschmidt from Herbert Palme et al.

- Review of RiMG Volume 59, *Molecular Geomicrobiology*, by Brad Tebo

Look for it online at www.geochemsoc.org.

Thank you Peggy and Trish!

On December 31, Peggy Delaney (University of California–Santa Cruz) and Patricia Dove (Virginia Polytechnic Institute) completed their terms as directors on the Board. For the full list of 2007 board members, visit <http://www.geochemsoc.org/aboutgs/personnel.html>

Geochemsoc.org Phase I

Over the next several months, we will be making noticeable changes to our website. Our goal is to make the site useful and easy to navigate. If you have comments or suggestions regarding our changes, please let us know.

JOINT ASSEMBLY

ACAPULCO, MEXICO 22-25 May, 2007
www.agu.org/meetings/ja07/

Geochemical Society–Sponsored Sessions at the AGU Joint Assembly

• **Session V03:** The Origin, Evolution, and Tectonic Significance of Coeval Magmas of Differing Parentage

CONVENERS: James F. Luhr (Smithsonian Institution) and Surendra P. Verma (Centro de Investigación en Energía UNAM)

• **Session V09:** Diversity of the Subarc Mantle – Insights from Studies of Peridotite Xenoliths, Ophiolites, and Metamorphic Rocks from Subduction Zones

CONVENERS: Ralf Halama (University of Maryland) and Ivan Savov (Carnegie Institution of Washington)

• **Session V19:** High-Mg Andesites, Slab Melts, and Wedge Melts – Significance for Crustal Genesis?

CONVENERS: Ian Smith (University of Auckland) and Simon Turner (Macquarie University)

• **Session V22:** Volcanoes, Plutons, and Ore Deposits: What's the Connection?

CONVENERS: John Mavrogenes (Australian National University) and Adam C. Simon (University of Nevada–Las Vegas)

• **Session GS02:** Coastal Lagoons Geochemistry and Pollution

CONVENERS: Federico Páez-Osuna (UNAM-Instituto de Ciencias del Mar y Limnología) and Ana Carolina Ruiz-Fernández (UNAM-Instituto de Ciencias del Mar y Limnología)

• **Session GS03:** Petrography, Microstructure, Textures, and Reactivity of Swelling Clays

CONVENERS: Luis Martinez (UMR G2R 7566 CNRS-UHP) and German Montes-Hernandez (UMR G2R 7566 CNRS-UHP)

• **Session GS04:** The Role of Radioisotopes in Geologic Environments

CONVENERS: Maureen Kathleen Corcoran (US Army Engineer Research and Development Center) and Julie Kelley (US Army Engineer Research and Development Center)

• **Session GS05:** Fluid Geochemistry (Associated with Fluid–Rock Interactions, Gas Clathrate CO₂ Sequestration and Fluid Inclusions)

CONVENER: Zhenhao Duan (Institute of Geology and Geophysics, Chinese Academy of Sciences)

• **Session GS06:** Uranium in the Environment

CONVENERS: Ignacio Alfonso Reyes Cortes (Universidad Autónoma de Chihuahua), Mostafa Fayek (University of Manitoba), and Philip C. Goodell (University of Texas, El Paso)

• **Session U16:** Global Geodynamics – Core, Mantle, and Crust

CONVENERS: Andrew Campbell (University of Maryland), Adrian Lenardic (Rice University), and Tracy Rushmer (University of Vermont)

Support GS!

Everything we do at the Geochemical Society is made possible through our generous members, volunteers, and contributors. Please consider making a donation to the Geochemical Society. If you like, you may specify where your donation should be allocated (three programs are featured below). If you are interested in supporting some other GS program, just let us know. A link to our donations page can be found at www.geochemsoc.org.

Student Travel Grants Program

The Geochemical Society provides up to US\$10,000 annually in grants to support students traveling to the Goldschmidt Conference. In 2006, we were able to bolster this amount by virtue of a \$30,000 grant from the National Science Foundation (www.nsf.gov). As successful as last year's program was, NSF funding for the 2007 meeting is not guaran-

teed. Your financial support to this program will increase the number of available student grants. If you are interested in applying for a student travel grant, please visit our website (www.geochemsoc.org).

Meeting Assistance Program

The Geochemical Society Program Committee allocates up to five US\$2000 grants to financially support geochemistry sessions/symposia at any scientific conference of geochemical relevance. Your financial support of this program will increase the number of available grants. If you are interested in applying for a meeting grant, please contact the business office for more information.

Organic Geochemistry Division

The Organic Geochemistry Division was established in 1960 to promote and recognize achievement in organic geochemistry. Current programming includes sponsoring organic geochemistry sessions/symposia and awarding the OGD Best Paper Award and the A.E. Treibs Medal. Your financial support of OGD will allow OGD to improve its ability to promote organic geochemistry.

The Geochemical Society is a 501(c)(3) non-profit organization.

Seth Davis, Business Manager

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

New title

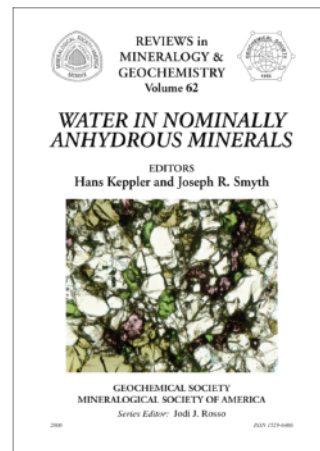
Reviews in Mineralogy and Geochemistry

Mineralogical Society of America
and The Geochemical Society

Water in Nominally Anhydrous Minerals

Earth is a water planet with oceans of it dominating surface processes. Nominally anhydrous minerals can incorporate measurable amounts of hydrogen that generally increase with pressure and sometimes with temperature. Because the mass of the mantle is large relative to ocean mass, the amount of hydrogen incorporated in nominally anhydrous phases of the interior may be the largest reservoir of water in the planet. Understanding the behavior and chemistry of hydrogen in minerals

at the atomic scale is thus central to understanding the geology of the planet. There have been significant advances in the detection, measurement, and location of H in the nominally anhydrous minerals as well as in experimental methods to measure H diffusion and the effects of H on the phase boundaries and physical properties so that presence of H in the interior may be inferred from seismic or other geophysical studies. This volume reviews these recent research advances in the geochemistry and mineral physics of hydrogen in the principal mineral phases of the Earth's crust and mantle. Volume 62, 2006, Hans Keppler and Joseph R. Smyth, (eds) ISBN 0939950-74-X. US\$40



For more description and table of contents of this book, and online ordering visit www.minsocam.org or contact Mineralogical Society of America, 3635 Concorde Pkwy Ste 500, Chantilly VA 20151-1125 • USA, Tel: +1 (703) 652-9950, Fax: +1 (703) 652-9951, e-mail: business@minsocam.org