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Geochemical Society

NOTES FROM SAINT LOUIS

Are You a Student Going to the Cologne Goldschmidt Conference?

The Geochemical Society provides at least US\$10,000 of support annually to deserving international students attending the annual Goldschmidt Conference.

For details and application requirements, visit www.geochemsoc.org/announce/2007goldtravel.html.

Welcome, Drs. Fogel and Krishnaswami!

Dr. Marilyn Fogel and Dr. Seth Krishnaswami are the newest members of the GS board of directors. Brief biographies and photos are provided in the sidebar. For a full list of 2007 committee officers visit www.geochemsoc.org/aboutgs/personnel.html

Thank You for your Contributions!

Thank you to the members who donated to the Geochemical Society in 2006. Although we have always accepted donations, 2006 marked the first year we were proactive. Your response was well received, as we raised nearly US\$1700 from 42 members. For 2007, we have added the option to contribute online, either with your membership renewal or simply as a donation. If you would like to make a donation to the Geochemical Society, please visit our website at www.geochemsoc.org.

Contributions received between January 1, 2006 and December 31, 2006:

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GEOCHEMISTRY AT THE SPRING AGU

Listed below are sessions sponsored and cosponsored by the Geochemical Society at the upcoming AGU Joint Assembly (Acapulco, Mexico, May 22–25, 2007).

Sessions Sponsored by the Geochemical Society

(GS01) Geochemical Society general contributions
(GS02) Coastal Lagoons Geochemistry and Pollution
(GS03) Petrography, Microstructure, Textures, and Reactivity of Swelling Clays
(GS04) The Role of Radioisotopes in Geologic Environments
(GS05) Fluid Geochemistry (associated with fluid-rock interactions, gas clathrate CO₂ sequestration, and fluid inclusions)
(GS06) Uranium in the Environment

Sessions Cosponsored by the Geochemical Society

(U13) Global Geodynamics: Core, Mantle, and Crust
(H38) Natural Contaminants in Groundwater Resources: Occurrence, Geochemistry, Health, and Remediation

(H40) Establishing the Scientific Basis for Reliable Predictions of the Geochemical and Hydrologic Consequences of Mining Projects

(PP04) East Pacific Tropical Cyclones: Past, Present, and Future (Ciclones Tropicales del Pacifico Este : Pasado, Presente y Futuro)

(T06) Mexican and Central American Subduction Zones: Bringing Together Seismology, Petrology, Geology, Tectonics, and Geodynamics

(V03) The Origin, Evolution, and Tectonic Significance of Coeval Magmas of Differing Parentage

(V08) Diversity of the Subarc Mantle – Insights from Studies of Peridotite Xenoliths, Ophiolites and Metamorphic Rocks from Subduction Zones

(V11) Deep Subduction Zone Metamorphism and Rheology: Role of Fluids

(V18) High-Mg Andesites, Slab Melts, and Wedge Melts – Significance for Crustal Genesis

(V21) Volcanoes, Plutons, and Ore Deposits: What's the Connection?

(V23) Deep Drilling in Volcanic Areas: Developments in Volcanology and Perspectives for Geothermal Energy Exploitation

See www.agu.org/meetings/ja07 for more information.



Marilyn Fogel has been a staff scientist at the Carnegie Institution's Geophysical Laboratory since 1979. Her undergraduate, graduate, and post-graduate research has spanned the spectrum of biology, chemistry, and geology. She graduated with honors with a BS in biology from Pennsylvania State University and went on to get her PhD at the University of Texas Marine Science Institute. Fogel's current research projects include the following themes: astrobiochemistry: distinguishing biotic from abiotic signatures; paleoclimate of Australia; isotopic composition of nitrate as a tracer of denitrification; paleoecology of mangrove peat islands in Belize; AMASE: Arctic Mars Analogue Svalbard Expedition; and isotopic studies of organic matter in meteorites. Recent awards and honors include a Senior Specialist Fulbright Award in 2006 (University of Oslo, Physics of Geological Processes), appointment as a GS/EAG Fellow in 2003, and Mellon and Loeb Fellowships from 1999 to 2003.



Seth Krishnaswami graduated in chemistry from the University of Kerala, India (1960). After a year of training at the Atomic Energy Training School, he joined the Tata Institute of Fundamental Research (TIFR), Bombay (1964) and obtained a PhD (1974) from Bombay University. Krishnaswami moved to the Physical Research Laboratory, Ahmedabad, in 1973, where he is currently a visiting professor. Krishnaswami is a fellow of all three scientific academies in India, the Third World Academy of Sciences, AGU, and the Geochemical Society – European Association for Geochemistry. He received the S.S. Bhatnagar Prize (Earth Sciences, 1984) from the Council of Scientific and Industrial Research, India. Krishnaswami has served in a number of national and international scientific committees, including as an officer in the IGBP-SC, the Scientific Committee on Oceanic Research (SCOR). Currently Krishnaswami is a member of the editorial boards of *Geochimica et Cosmochimica Acta*, the *Geochemical Journal*, and the *Journal of Earth System Science*. Krishnaswami's research interests include the application of natural radionuclides and radiogenic isotopes in the field of low-temperature geochemical processes. He has also made significant contributions to the understanding of marine and lacustrine ferromanganese nodules. His current focus is chemical weathering in the river basins of the Himalaya and the Deccan traps.

17th ANNUAL GOLDSCHMIDT CONFERENCE, COLOGNE, GERMANY AUGUST 19–24, 2007

EUROPEAN ASSOCIATION FOR GEOCHEMISTRY AND THE GEOCHEMICAL SOCIETY
INCORPORATING THE ANNUAL MEETING OF THE GERMAN MINERALOGICAL SOCIETY



The 17th annual V.M. Goldschmidt Conference will take place August 19–24, 2007, on the campus of the University of Cologne in Germany. The local organizing committee invites you to come and discover the unique blend of geology and culture that Cologne has to offer. The conference will be located in the heart of Europe, and the organizing committee has striven to keep costs low (310 for members and 200 for students), in order to attract students and younger scientists to this major crossroad of transport, culture and, we hope, geochemistry.

❶ Panorama of Cologne's Old Town from the bank of the Rhine in Deutz. PHOTO BY INGE DECKER

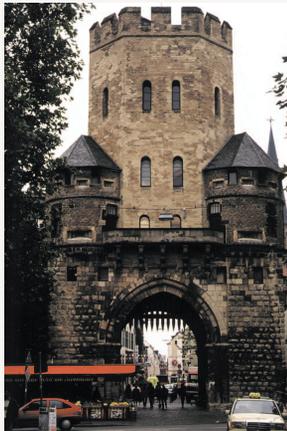
❷ The picturesque Fischmarkt is the ideal place to discuss the latest in geochemistry. PHOTO BY GÜNTHER VENTUR

❸ Severinstor Gate on the Chlodwigplatz. Of the twelve gates in the 8 km long city wall (as of 1180), only three were spared demolition. Today they dominate squares to the north, west and south of the Old Town. PHOTO BY INGE DECKER

❹ Gothic towers of Cologne Cathedral. PHOTO BY GÜNTHER VENTUR



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Cologne: A Great Meeting Place

Cologne is a great place for a large meeting. Cologne is served by two airports and is the hub of low-cost flights in the region. It also has excellent rail connections to cities all over Europe. The university is one of the largest in Germany, and we have booked central facilities that can accommodate the 2000 or more delegates expected next August. Added to this, as the Romans discovered 2000 years ago, this city on the Rhine is a great place to visit. It attracts millions of visitors each year looking to explore the city and surrounding area.

Program

The organizing committee and the international program committee have been working on making the scientific content of the meeting the most exciting yet. Sixteen broad themes have been selected covering the full range of geochemical research, from the formation of the solar system to environmental research, and from biogeochemistry to mineralogy. Details of these themes and registration information are given on the Goldschmidt 2007 website www.goldschmidt2007.org/.

The conference will begin late afternoon on Sunday with registration and an icebreaker in the mensa building. Scientific

sessions will start at 8:30 a.m. on each of the following days. A plenary lecture each day will track the origin and evolution of the Earth, commencing at its dusty beginning on Monday and concluding with the appearance of life on Friday. Late mornings and early afternoons will be devoted to symposia in some 14 lecture halls. Poster sessions will be held in the late afternoon of Monday, Tuesday and Thursday. An area of 1200 square meters on the second floor of the mensa building will be reserved for posters, with beer from Cologne (Kölsch) on hand to facilitate the free flow of ideas. Wednesday afternoon will be free for visiting the city and for short excursions in the surrounding area, e.g. visits to Bonn or the Neanderthal Museum near Düsseldorf. The conference dinner will be served in the Gürzenich, the traditional ballroom and reception hall of the City Council (dating from 1444), which was restored after the war and renovated in 1996–1998. Award ceremonies of the sponsoring societies will be held before the dinner. The two Crafoord Prize winners in Earth sciences from 1986, C. J. Allègre and G. J. Wasserburg, have promised to come to the meeting and address the audience. The conference will end Friday afternoon with a farewell party. Details of the program are available on the conference website (www.goldschmidt2007.org).

We look forward to seeing you all in Cologne.

H. Palme, S. Chakraborty,
P. Keglner, A. Hofmann, C. Münker

Dates

Please do not forget the key dates for the meeting:

April 19
abstract submission deadline

1 June
end of early registration

1 August
end of pre-registration

19–24 August
Goldschmidt 2007

Field Trips

- A one-day trip to the 13 ka Laacher See volcano and the Quaternary East Eifel volcanic field
- A one-day trip to the West Eifel volcanic field
- A one-day hike to see the Tertiary Siebengebirge explosive, subaqueous volcanic eruptions, syn-volcanic intrusions, and medieval castles
- A three-day trip to the impact structure at Nördlinger Ries, southern Germany
- A five-day trip to examine a crustal cross-section in the Ivrea Zone, northern Italy
- A ten-day trip to Santorini and Crete (Greece) on the themes of Quaternary arc volcanism and Tertiary high-P–T metamorphism in the South Aegean

Details are posted on the website

www.goldschmidt2007.org