

2009

June 1–4 IAGS 2009 – 24th International Applied Geochemistry Symposium, Fredericton, NB, Canada. E-mail: lodge@unb.ca; Web page: www.unb.ca/conferences/IAGS2009

June 1–5 XI International Conference: Mössbauer Spectroscopy and Its Applications, Ekaterinburg, Russia. Details: Dr. Anton Litvinov; e-mail: litvinov@imp.uran.ru; web page: www.imp.uran.ru/moessbauer

June 4–14 High-Pressure Crystallography: From Novel Experimental Approaches to Applications in Cutting-Edge Technologies, Erice, Italy. Web page: www.crystalalice.org/2009.htm

June 5–11 46th Annual Meeting of the Clay Minerals Society, Billings, Montana, USA. Details: Richard Brown; e-mail: rbrown@wyoben.com; web page: www.claysonline.org/HomeAnnualMeeting.html

June 7–10 AAPG Annual Convention and Exhibition, Denver, CO, USA. Web page: www.aapg.org/meetings/misc_mtgs.cfm

June 7–11 New Diamond and Nano Carbons Conference, Traverse City, MI, USA. Web page: www.mrs.org/s_mrs/index.asp

June 14–17 12th EuChemS International Conference on Chemistry and the Environment, Stockholm, Sweden. Web page: www.chemsoc.se/sidor/KK/icce2009.htm

June 14–19 Gordon Research Conference: Interior of the Earth, Mount Holyoke College, South Hadley, MA, USA. Web page: www.grc.org/programs.aspx?year=2009&program=interior

June 14–20 14th International Clay Conference, Castellana Marina, Italy. Details: Saverio Fiore; e-mail: chair@14icc.org or info@14icc.org; web page: www.14icc.org/index.html

June 16–18 2009 Xi'an Ni-Cu Symposium Research Progress on Magmatic Ni-Cu Sulfide Deposits: Mineralization in Small Intrusions and Conduits, Xi'an, China. Dr. Yan Wang; e-mail: wang_yan@gig.ac.cn

June 19–21 Thermodynamics and Kinetics of Fluid-Rock Interaction Short Course, Davos, Switzerland. Web page: www.minsocam.org/MSA/SC/ or www.goldschmidt2009.org/workshops

June 21–29 Crystallography Online: International School on the Use and Application of the Bilbao Crystallographic Server, Lekeitio, Spain. Web page: www.crystallography.fr/mathcryst/bilbao2009.php

June 22–26 Goldschmidt 2009, Davos, Switzerland. E-mail: info@goldschmidt2009.org; website: www.goldschmidt2009.org

June 26–July 5 EURISPET: High-Pressure Metamorphism and Subduction Zones, Granada, Spain. Details: Maria Teresa Gómez-Pugnaire; e-mail: teresa@ugr.es or eurispet@eurispet.eu; web page: www.eurispet.eu

June 29–July 3 6th International Symposium on Ecosystem Behavior (BIOGEMON 2009), Helsinki, Finland.

Web page: www.environment.fi/default.asp?contentid=266595&lan=EN

July 5–10 Gordon Research Conference: Origin of Solar Systems, Mount Holyoke College, South Hadley, MA, USA. Web page: www.grc.org/programs.aspx?year=2009&program=origins

July 7–10 American Association of Petroleum Geologists (AAPG) Annual Meeting, Denver, CO, USA. Web page: www.aapg.org/meetings/misc_mtgs.cfm

July 10–20 Industrial Mineralogy, Chania, Greece. Details: George Christidis; web page: www.univie.ac.at/Mineralogie/EMU/events.htm

July 12–17 Gordon Research Conference: Catchment Science: Interactions of Hydrology, Biology & Geochemistry, Proctor Academy, Andover, NH, USA. Web page: www.grc.org/programs.aspx?year=2009&program=catch

July 12–17 Gordon Research Conference: Thin Film and Crystal Growth Mechanisms, Colby-Sawyer College, New London, NH, USA. Web page: www.grc.org/programs.aspx?year=2009&program=thinfilm

July 13–15 Granulites & Granulites 2009, Hrubá Skála, Czech Republic. Web page: www.petrolog.natur.cuni.cz/conference

July 13–18 71st Annual Meeting of the Meteoritical Society, Nancy, France. Web page: www.metsoc2009.org

July 19–24 Gordon Research Conference: Clusters, Nanocrystals and Nanostructures, Mount Holyoke College, South Hadley, MA, USA. Web page: www.grc.org/programs.aspx?year=2009&program=clusters

July 19–24 International Conference on the Applications of the Mössbauer Effect, Vienna, Austria. E-mail: secretary@icame2009.tuwien.ac.at; web page: icame2009.tuwien.ac.at

July 25–30 American Crystallographic Association (ACA) Annual Meeting, Toronto, Ontario, Canada. Details: James F. Britten; e-mail: britten@mcmaster.ca; web page: aca.hwi.buffalo.edu/meetingspg_list/futuremeetings.html

August 3–7 International Symposium on Zeolites and Microporous Crystals 2009 (ZMPC 2009), Tokyo, Japan. E-mail: zmpc2009@list.waseda.jp; web page: wwwsoc.nii.ac.jp/zeolite/event/zmpc-e.html

August 14–16 Symmetry and Crystallography in Turkish Art and Culture, Istanbul, Turkey. Web page: www.crystallography.fr/mathcryst/istanbul2009.php

August 16–20 American Chemical Society 238th ACS National Meeting & Exposition, Washington, DC, USA. Web page: www.acs.org

August 16–21 25th European Crystallographic Meeting (ECM25), Istanbul, Turkey. E-mail: ecm@ecm25.org; web page: ecm25.ecanews.org

August 17–20 Society for Geology Applied to Mineral Deposits 10th Biennial Meeting, Townsville, Qld, Australia. E-mail: SGA2009@jcu.edu.au

August 30–September 4 8th Symposium on Applied Isotope Geochemistry (AIG-8), Quebec, Canada. E-mail: aig8@

nrcan.gc.ca; web page: www.cgq-qgc.ca/aig8/

August 30–September 6 PEG 2009 – 4th International Symposium on Granitic Pegmatites, Recife, Brazil. Web page: www.ufpe.br/geologia/peg2009brazil

September 1–3 The Mineralogical Society's Annual Meeting, in conjunction with the German and French Mineralogical Societies: MAPT – Micro-Analysis, Processes, Time, Edinburgh, Scotland. Details: Simon Harley, e-mail: s.harley@ed.ac.uk; web page: www.minersoc.org/pages/meetings/meetings.html

September 1–4 AGU Chapman Conference on the Biological Carbon Pump of the Oceans, Brockenhurst, Hampshire, England. Details: Richard Lampitt; e-mail: rsl@noc.soton.ac.uk; web page: www.agu.org/meetings/chapman/2009/dcall

September 7–11 Geoanalysis 2009, Drakensburg Region, South Africa. E-mail: maggi.loubser@up.ac.za; web page: geoanalysis2009.org.za

September 9–11 Geotalia 2009 – VII Italian Forum of Earth Sciences, Rimini, Italy. Details: Lorenza Fascio; e-mail: simp@dst.unipi.it; web page: www.geotalia.org

September 9–13 Low $\delta^{18}\text{O}$ Rhyolites and Crustal Melting: Growth and Redistribution of the Continental Crust, Twin Falls, ID, and Yellowstone National Park, WY, USA. Details: Peter Larson; e-mail: plarson@wsu.edu; web page: www.geosociety.org/penrose/09idaho.htm

September 13–17 5th International Workshop on Infrared Microscopy and Spectroscopy with Accelerator Based Sources, Banff, Alberta, Canada. Web page: www.lightsource.ca/wirms2009

September 13–18 European Planetary Science Congress (EPSC) 2009, Potsdam, Germany. Web page: meetings.copernicus.org/epsc2009

September 13–19 Structure and Neotectonic Evolution of Northern Owens Valley and the Volcanic Tableland, California (GSA Field Forum), Bishop, CA, USA. Details: David A. Ferrill; e-mail: dferrill@swri.org; web page: www.geosociety.org/fieldForums/09calif.htm

September 13–19 8th International Carbon Dioxide Conference, Jena, Germany. Details: Mr Felix Angermüller; e-mail: felix.angermueller@conventus.de; web page: http://www.conventus.de/icdc8/

September 14–18 13th International IUPAC Conference on High Temperature Materials Chemistry, Davis, CA, USA. Details: Alexandra Navrotsky; e-mail: navea@UCDavis.edu; web page: neat.ucdavis.edu/HTMC%2D13

September 17–18 International Symposium on Mineralogy, Environment and Health, Marne-la-Vallée, France. Details: Stéphanie Rossano (rossano@univ-paris-est.fr) or Eric van Hullebusch (Eric.vanHullebusch@univ-paris-est.fr); web page: www.univ-mlv.fr/master_geoenv/symposium2009.html

September 21–23 Geological Society William Smith Meeting: Environment, Pollution & Human Health, London, England. E-mail: e.valsami-jones@nhm.

ac.uk; web-page: www.minersoc.org/pages/groups/emg/emg.html

September 21–25 Clays, Clay Minerals and Layered Materials 2009, Moscow, Russia. Web page: www.cmlm2009.ru

September 24–27 Magmatism and Metamorphism in the Holy Cross Mountains, XVI Meeting of the Petrology Group of the Mineralogical Society of Poland and VII Meeting of the Mineralogical Society of Poland, Święty Krzyż, Poland. Web page: prac.us.edu.pl/~ptmin2009

September 27–October 4 The 250th Anniversary of Volcán Jorullo's Birth in Michoacán, México, Morelia, Michoacán, México. Web page: www.geofisica.unam.mx/vulcanologia/jorullo

October 4–9 Tectonic Development of the Amerasia Basin, Banff Centre, Alberta, Canada. Details: Victoria Pease (vicky.pease@geo.su.se) or Lawrence Lawver (lawver@utig.ig.utexas.edu); web page: www.geosociety.org/penrose/09banff.htm

October 18–21 Geological Society of America Annual Meeting, Portland, OR, USA. E-mail: meetings@geosociety.org; web page: www.geosociety.org/meetings/2009

October 18–23 XII Brazilian Geochemical Congress/VIII International Symposium on Environmental Geochemistry, Ouro Preto, Brazil. Web page: www.12cbgq.ufop.br/12cbgq

October 25–29 First World Young Earth Scientists Congress 2009, Beijing, PRC. Details: Elyvin Nkhonjera; e-mail: elyvinkhonjera@yahoo.co.uk; web page: www.yescongress2009.org/index.php

October 25–30 Materials Science & Technology 2009 Conference and Exhibition – MS&T '09 combined with the American Ceramic Society (ACerS) 111th Annual Meeting, Pittsburgh, PA, USA. Web page: www.matscitech.org/2008/pastmtgs.html

November 15–19 AAPG 2009 International Conference and Exhibition, Rio de Janeiro, Brazil. Web page: www.aapg.org/meetings

November 30–December 4 MRS Fall Meeting, Boston, MA, USA. Web page: www.mrs.org/s_mrs/index.asp

December 14–16 Clay Minerals Group of the Mineralogical Society Annual Meeting, Newcastle, UK. Details: Claire Fialips; e-mail: C.I.M.Fialips@ncl.ac.uk; web page: www.minersoc.org/pages/groups/cmng/cmng.html#fialips

December 14–18 AGU Fall Meeting, San Francisco, CA, USA. E-mail: meetinginfo@agu.org; web page: www.agu.org/meetings

2010

January 24–29 34th International Conference and Exposition on Advanced Ceramics and Composites, Daytona Beach, FL, USA. Web page: www.ceramics.org/meetings/index.aspx

March 21–25 239th ACS National Meeting & Exposition, San Francisco, CA, USA. Web page: www.acs.org

April 5-9 MRS Spring Meeting, San-Francisco, CA, USA. Web page: www.mrs.org/s_mrs/sec.asp?CID=2073&DID=92005

April 6-9 13th Quadrennial IAGOD Symposium 2010, Giant Ore Deposits Down-Under, Adelaide, Australia. Web page: www.geology.cz/iagod/activities/symposia/adelaide-2010

April 18-21 2010 AAPG Annual Convention and Exhibition, New Orleans, LA, USA. www.aapg.org/meetings

May 19-28 American Crystallographic Association (ACA) Annual Meeting, New Orleans, LA, USA. Web page: www.AmerCrystalAssn.org

May 31-June 4 Cities on Volcanoes 6 - Tenerife 2010, Canary Islands, Spain. Details: Dr. Nemesio M. Pérez; e-mail: nperez@iter.es

June EURISPET: High-Temperature Metamorphism and Crustal Melting, Padova, Italy. Details: Bernardo Cesare; e-mail: bernardo.cesare@unipd.it; web page: www.eurispet.eu

June 14-18 Goldschmidt 2010, Knoxville, TN, USA. Web page: www.geochemsoc.org/news/conferencelinks

June 21-24 11th International Platinum Symposium, Sudbury, Canada. Details: Prof. Michael Lesher; e-mail: 11tips@laurentian.ca; web page: www.11IPS.laurentian.ca

June 27-July 8 XXVth IUGG General Assembly, Melbourne, Australia. Web page: www.iugg2011.com

July 7th Annual Meeting of the Meteoritical Society, Toronto, Canada. Details: Dr. G. Srinivasan, e-mail srini@geology.utoronto.ca

July 4-9 16th International Zeolite Conference, Sorrento, Italy. Details forthcoming; web page: www.iza-online.org/ConfSched.htm

July 10 EMU School: High-Resolution Electron Microscopy of Minerals, Nancy, France. Web page: www.univie.ac.at/Mineralogie/EMU/events.htm

July 22-31 American Crystallographic Association (ACA) Annual Meeting, Chicago, IL, USA. Webpage: www.AmerCrystalAssn.org

August 8-13 American Geophysical Union 2010 Joint Assembly, Iguassu Falls, Brazil. Web page: www.agu.org/meetings

August 22-26 240th ACS National Meeting & Exposition, Boston, MA, USA. Web page: www.acs.org

August 22-27 20th General Meeting of the International Mineralogical Association, Budapest, Hungary. Website: www.univie.ac.at/Mineralogie/IMA_2010

September 29-October 5 European Crystallographic Meeting ECM-26 and EPDIC XII, Darmstadt, Germany. Web-

page: www.lcm3b.uhp-nancy.fr/ecasig5/Activity.php

September 30-October 9 Society for Economic Geology 2010 Conference, Keystone, CO, USA. Web page: www.seg2010.org/

October 17-21 Materials Science & Technology 2010 Conference and Exhibition - MS&T '10 combined with the ACerS 112th Annual Meeting, Houston, TX, USA. Web page: www.ceramics.org/meetings/index.aspx

October 31-November 3 Geological Society of America Annual Meeting, Denver, CO, USA. E-mail: meetings@geosociety.org; web page: www.geosociety.org/meetings/index.htm

November EURISPET: Experimental Petrology and Rock Deformation, Zürich, Switzerland. Details: Peter Ulmer, Swiss Federal Institute of Technology (ETH) Zürich; e-mail: peter.ulmer@erdw.ethz.ch; web page: www.eurispet.eu

November 14-18 Third International Congress on Ceramics, Osaka, Japan. Web page: www.ceramics.org/meetings/index.aspx

2011

January 23-28 35th International Conference and Exposition on Advanced Ceramics and Composites, Daytona Beach, FL, USA. Web page: www.ceramics.org/meetings/index.aspx

June 20 The Mineralogical Society's Annual Meeting: Frontiers in Environmental Geoscience, University of Aberystwyth, Wales, UK. Details: N. Pearce; e-mail: njp@aber.ac.uk; web page: www.minersoc.org/pages/meetings/frontiers-2011/frontiers-2011.html

August 2011 74th Annual Meeting of the Meteoritical Society, Greenwich, England. Details: Gretchen Benedix, e-mail: greb@nhm.ac.uk

August 22-29 XXII Congress of the International Union of Crystallography, Madrid. Web page: www.ecanews.org/iucrs.php

October 9-12 Geological Society of America Annual Meeting, Minneapolis MN, USA. E-mail: meetings@geosociety.org; web page: www.geosociety.org/meetings/index.htm

The meetings convened by the societies participating in *Elements* are highlighted in yellow. This meetings calendar was compiled by Andrea Koziol. To get meeting information listed, please contact Andrea at Andrea.Koziol@notes.udayton.edu

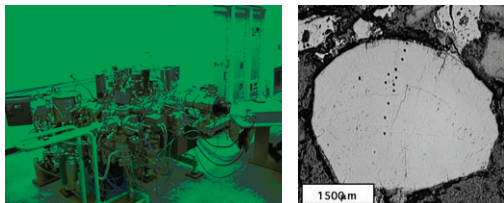
Short Course

Secondary Ion Mass Spectrometry in the Earth and Planetary Sciences: Gleaning the Big Picture from a Small Spot

Toronto, May 22-23, 2009, prior to the Joint Assembly 2009

ORGANIZER: Mostafa Fayek, University of Manitoba (fayek@cc.umanitoba.ca)

Obtaining a quantitative and predictive understanding of geological systems, including exploitable energy sources, requires knowledge of the age of origin and subsequent thermal history of the system over geological time. While analysis of milligram- and microgram-sized materials is routine, important geologic information preserved in features such as zoned minerals and cemented intergranular regions requires in situ measurements at the micron scale. An important breakthrough in this regard was the development of the secondary ion mass spectrometer (SIMS). SIMS is capable of performing precise and accurate (i.e. ‰ to sub-‰) in situ measurements of most elements and their isotopes with ca. 10 µm resolution.



This course will introduce SIMS analytical techniques and assess their applications in the Earth and planetary sciences, as well as in biogeochemistry. Topics include light stable and non-traditional isotope analysis, radiogenic isotope analysis and geochronology, and cosmochemistry.

- Registration fee: \$475 for professionals and \$295 for students (\$420/\$250 for MAC members)

You may obtain more information or register at the online store of the Mineralogical Association of Canada

www.mineralogicalassociation.ca

Short Course



THERMODYNAMICS AND KINETICS OF FLUID-ROCK INTERACTION

*Congress Centre
Davos, Switzerland
June 19-21, 2009*

*(just prior to the 19th annual V.M. Goldschmidt Conference)
Eric H. OELKERS and Jacques SCHOTT, co-organizers*

Thermodynamics and kinetics are the fundamental basis for our understanding of the rate and extent of fluid-rock interaction. This course strives to present a comprehensive overview of the state-of-the-art in this field with particular emphasis on current societal challenges including CO₂ sequestration, waste mobility and storage, mineral exploration, and groundwater quality.

Confirmed speakers

- | | |
|---------------------------------|------------------------------|
| S. Brantley (Penn State) | M. Prieto (Oviedo) |
| B. Fritz (Strasbourg) | A. Putnis (Muenster) |
| J. Ganor (Beer Sheva) | J. Schott (Toulouse) |
| Y. Godderis (Toulouse) | D. Sherman (Bristol) |
| D. Kulik (Villigen) | C. Steefel (Berkeley) |
| E. Oelkers (Toulouse) | S. Stipp (Copenhagen) |
| C. Zhu (Bloomington) | |