2014

February 10–11 MAC Short Course: Geology of Gem Deposits, Tucson, AZ, USA. E-mail: groat@mail.ubc.ca; web page: www.mineralogicalassociation.ca

March 16–20 247th ACS National Meeting & Exposition, Dallas, TX, USA. Web page: www.acs.org

March 17–21 45th Lunar and Planetary Science Conference (LPSC2014), Houston area, TX. Web page: www.hou.usra.edu/meetings/lpsc2014

March 19–21 North Atlantic Craton Conference 2014, University of St Andrews, Fife, Scotland, UK. Web page: www.nac-conference2014.org.uk

March 20–21 The Mineralogical Society: Clay Minerals Group / Environmental Mineralogy Group / Applied Mineralogy Research in Progress, Durham UK. Web page: www. minersoc.org/cmg-rip-2014.html

March 30-April 4 Linkages and Feedbacks in Orogenic Processes —A Conference Honoring the Career of Robert D. Hatcher Jr., Asheville, NC, USA. Web page: www.geosociety.org/ penrose/14asheville.htm

April 6-9 AAPG 2014 Annual Convention & Exhibition, Houston, TX, USA. Web page: www.aapg.org/meetings

April 21–25 MRS Spring Meeting, San Francisco, CA, USA. Web page: www.mrs. org/spring2014

April 27-May 2 European Geosciences Union General Assembly 2014, Vienna, Austria. Web page: www.equ2014.eu

April 27-May 9 International School on Fundamental Crystallography: Fourth MaThCryst school in Latin America, La Plata, Argentina. Web page: www.crystallography.fr/mathcryst/ laplata2014.php

May 4–14 6th Orogenic Lherzolite Conference, Marrakech, Morocco. Web page: www.gm.univ-montp2.fr/

May 17–21 51st annual meeting of The Clay Minerals Society (CMS), College Station, TX, USA. Web page: cms2014.tamu.edu

May 21–23 Geological Association of Canada /Mineralogical Association of Canada Annual Meeting, Fredericton, Canada. Web page: www.unb.ca/conferences/gacmac2014

May 24–28 American Crystallographic Association Meeting, Albuquerque, NM, USA. Details forthcoming

May 25-29 New Diamond and Nano Carbons Conference (NDNC 2014), Chicago, IL, USA. Web page: www.mrs. org/ndnc-2014

May 26–31 Accretion and Early Differentiation of the Earth and Terrestrial Planets (ACCRETE), Nice, France. Web page: www.accrete.uni-bayreuth.de/?page=workshops.

June 8–13 ZEOLITE 2014, Belgrade, Serbia. Web page www.inza.unina.it/ upcoming-events/111-zeolite-2014-full

June 9–13 Goldschmidt Conference, Sacramento, CA, USA. Web page: http:// goldschmidt.info/2014 June 15-19 11th International GeoRaman Conference, Saint Louis, MO, USA. E-mail: alianw@levee.wustl. edu; web page: www.georaman2014. wustl.edu

June 30-July 4 Asteroids, Comets, Meteors, Helsinki, Finland. E-mail: acm-2014@helsinki.fi; web page: www.helsinki.fi/acm2014

June 30-July 4 30th SEGH (Society of Environmental Geochemistry and Health) Conference, University of Northumbria, Newcastle, UK. Web page: www.segh.net/events/segh-conference

July 13–17 BIOGEOMON 2014 – 8th International Symposium on Ecosystem Behavior, Bayreuth, Germany. Web page: www.bayceer.unibayreuth.de/biogeomon2014

July 28-August 1 Asia Oceania Geosciences Society 11th Annual Meeting, Sapporo, Japan. Web page: www.asiaoceania.org/society/index.asp

August 2-7 IUMAS-6 held in conjunction with Microscopy & Microanalysis 2014, Hartford, CT, USA. Web page: www.iumas6.org

August 3–7 Microscopy & Microanalysis 2014, Hartford, CT, USA. Web page: www.microprobe.org/events/microscopymicroanalysis-2014

August 5 - 7 First Meeting of the IAGC Urban Geochemistry Working Group, Columbus, OH, USA. Web page: www.iagc-society.org/UG.html

August 5–12 23rd Congress and General Assembly of the International Union of Crystallography, Montréal, Canada. Website: www.iucr2014.org

August 10–14 248th ACS National Meeting & Exposition, San Francisco, CA, USA. Web page: www.acs.org

August 18–23 Geochemistry of the Earth's Surface (GES-10), Paris, France. Web page: www.ipgp.fr/GES10

August 19–22 14th Quadrennia IAGOD Symposium, Kunming, China. Website: www.14iagod.org

August 25–September 3 EMU School 2014: Planetary Mineralogy, Glasgow, Scotland. Web page: http:// eurominunion.org

September 1–5 21st General Meeting of the International Mineralogical Association (IMA2014), Johannesburg, South Africa. E-mail: info@ima2014.co.za; web page: www.ima2014.co.za

September 1–6 31st International Conference on Ore potential of Alkaline, Kimberlite and Carbonatite Magmatism, Antalya, Turkey. Website: http://alkaline2014.com

September 7-14 Annual Meeting of the Meteoritical Society, Casablanca, Morocco. Web page: www.meteoriticalsociety.org

September 10–12 Joint SGI-SIMP Meeting, Milano, Italy. E-mail: segreteria@socminpet.it; web page: www.socminpet.it/simp2014/home.htm

September 10–12 Planet Formation & Evolution 2014, Kiel, Germany. Web page: www1.astrophysik.uni-kiel. de/~kiel2014/main

September 16–19 7th Mid-European Clay Conference (MECC2014), Dresden, Germany. Website: www. mecc2014.de

September 21–24 The 92nd Annual Meeting of the German Mineralogical Society (DMG), Jena, Germany. E-mail: Falko.Langenhorst@uni-jena.de

October 12–16 MS&T'14: Materials Science & Technology Conference and Exhibition, Pittsburgh, PA, USA. Web page: www.matscitech.org/about/futuremeetings

October 19–22 Geological Society of America Annual Meeting, Vancouver, BC, Canada. E-mail: meetings@geosociety.org; web page: www.geosociety.org/meetings

November 24–28 Matériaux 2014, Montpellier, France. Web page: www. sfmc-fr.org/spip.php?article151

November 30-December 5 MRS Fall Meeting & Exhibit, Boston, MA, USA. Web page: www.mrs.org/fall2014

December 15–19 AGU Fall Meeting, San Francisco, CA, USA. Web page: http. sites.agu.org/meetings

2015

January 25–30 39th International Conference and Expo on Advanced Ceramics and Composites, Daytona Beach, FL, USA. Details forthcoming

March 22–26 249th ACS National Meeting & Exposition, Denver, CO, USA. Web page: www.acs.org

May 31-June 3 AAPG 2015 Annual Convention & Exhibition, Denver, CO, USA. Web page: www.aapg.org/meetings

July 5–10 Euroclay 2015, University of Edinburgh, UK. E-mail: stephen.hillier@ hutton.ac.uk; web page: www.minersoc. org/euroclay.html

July 27–31 Annual Meeting of the Meteoritical Society, Berkeley, CA, USA. Web page: www.meteoriticalsociety.org

August 2-6 Microscopy & Microanalysis 2015, Portland, OR, USA. Web page: www.microprobe.org/events/microscopymicroanalysis-2015

August 8–14 Geoanalysis Conference, Leoben, Austria. Web page : www.geoanalysis.info

August 16–20 250th ACS National **Meeting & Exposition**, Boston, MA, USA. Web page: www.acs.org

August 16–21 2015 Goldschmidt Conference, Prague, Czech Republic. Web page: www.geochemsoc.org/programs/ goldschmidtconference

August 24–27 SGA 13th Biennial Meeting, Nancy, France. E-mail: sga-2015@univ-lorraine.fr

September 9–11 8th European Conference on Mineralogy and Spectroscopy (ECMS 2015), Rome, Italy. Details forthcoming

The meetings convened by the societies participating in Elements are highlighted in yellow. This meetings calendar was compiled by Andrea Koziol (more meetings are listed on the calendar she maintains at http://homepages.udayton.edu/~akoziol1/meetings.html). To get meeting information listed, please contact her at Andrea.Koziol@notes.udayton.edu.

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ELEMENTS DECEMBER 2013

Professor of Petrology at the University of Bern

The Institute of Geological Sciences at the University of Bern, Switzerland (www.geo.unibe.ch), invites applications for a professorship in metamorphic and/or igneous petrology. The position is open-rank and applications at all levels are invited. The level of appointment and salary will be commensurate with qualifications and experience. The anticipated starting date is 1 August, 2015.



b UNIVERSITÄT BERN

The Institute is looking for a candidate with a record of creative research and a talent for teaching. The ideal candidate will combine field-based studies with experimental, analytical and theoretical approaches to address fundamental issues of petrogenesis. A willingness to collaborate in the Institute's research activities into deep geothermal energy, structural geology, mineralogy, geochemistry and sedimentology is desired. The Institute is well equipped for modern petrological studies and is situated close to magnificent field exposures for teaching and research in the Alps.

The professorship carries responsibilities for leading a research group, for managing the Institute's petrology laboratories, for teaching petrology at BSc, MSc and PhD levels (BSc in German and MSc in English), and for selected administrative duties within the Institute of Geological Sciences and the Faculty of Science. An appointee who does not already speak German is expected to learn the language in due course. For further information contact *klaus.mezger@geo.unibe.ch*.

The Institute wishes to increase its number of female professors. Women are therefore especially encouraged to apply.

Applications consisting of a CV, a publication list, copies of the 5 most important publications, a statement of past and future research interests, a list of acquired research funds, and a statement of teaching experience and teaching approach, together with the completed questionnaire (to be downloaded from **www.geo.unibe.ch/profpetrology**) should be sent preferably by email (pdf or zip) to **info@natdek.unibe.ch** or by mail to the Dean's Office, Faculty of Science, University of Bern, Sidlerstrasse 5, CH-3012 Bern, Switzerland, by **15 February**, **2014**.





Colorado School of Mines Geology & Geological Engineering Assistant/Associate Professor -Lithogeochemistry

Colorado School of Mines Department invites applications for an anticipated Assistant/Associate Professor position in the field of Lithogeochemistry to begin in August 2014.

The successful candidate will be expected to develop a strong and vibrant externally funded program and establish an international reputation through publication, in addition to teaching at the undergraduate and graduate levels, directing graduate research and supervising thesis projects. Candidates must possess a doctoral degree in geochemistry or a closely related discipline. The research interests should complement and support existing campus programs (e.g., crustal processes and ore deposit research, geothermal system research, unconventional resource research, and environmental geochemistry). Applicants must possess strong interpersonal and communication skills. Preference will be given to applicants who: Can teach courses in the geochemistry of earth materials, mineral exploration geochemistry, and analytical geochemistry; have experience with the minerals industry; have conducted research on the geochemical behavior of major and trace elements as well as isotopes in solid-rock geologic systems; or conduct research that complements and supports existing campus programs (e.g., crustal processes and ore deposit research, geothermal system research, unconventional resource research, and environmental geochemistry).

For the complete job announcement and directions on how to apply, visit:

http://inside.mines.edu/HR-Academic-Faculty

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Dodecahedral grossular crystal from Sierra de Cruces, Coahuila, Mexico.
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Canada's Capital University

The Institute of Environmental Science and the Department of Earth Sciences at Carleton University invite applications for a cross-appointed (tenure track) appointment in **Environmental**

Hydrogeology at the rank of Assistant Professor beginning on July 1, 2013.

Applicants must have a Ph.D., and demonstrated expertise, teaching experience and research interests in environmental earth sciences that embrace an interdisciplinary approach. The successful candidate will be expected to develop an externally funded field-oriented research program focused on hydrogeology/water resources and water supply, preferably with a strong interest in restoration and rehabilitation of degraded or contaminated sites, impact assessment, or environmental management. Applicants with the ability to forge collaborations with interdisciplinary-oriented faculty across the university, as well as with allied agencies, will be given preference.

Further information on the Institute of Environmental Science, and the Department of Earth Sciences can be obtained at www.carleton. ca/envirosci and www.earthsci.carleton.ca, respectively.

The full length advertisement is posted at www.carleton.ca/facultyrecruitment/2013/environmental-science-earth-sciences-assistant-professor.

Please send a hard copy of your application to Brian Burns, Director, Institute of Environmental Science, c/o Michelle Santoianni, Carleton University, 1125 Colonel By Drive, Ottawa, Ontario K1S 5B6, Canada. Applications for this appointment must include: a curriculum vitae; a teaching portfolio that includes relevant experience, evidence of teaching innovation and performance, and pedagogical approaches to teaching; a summary statement of research interests and experience; and contact information (including email addresses) for three referees.

The deadline for applications is January 31, 2014. All qualified candidates are encouraged to apply. Canadians and permanent residents will be given priority. This position is subject to budgetary approval.

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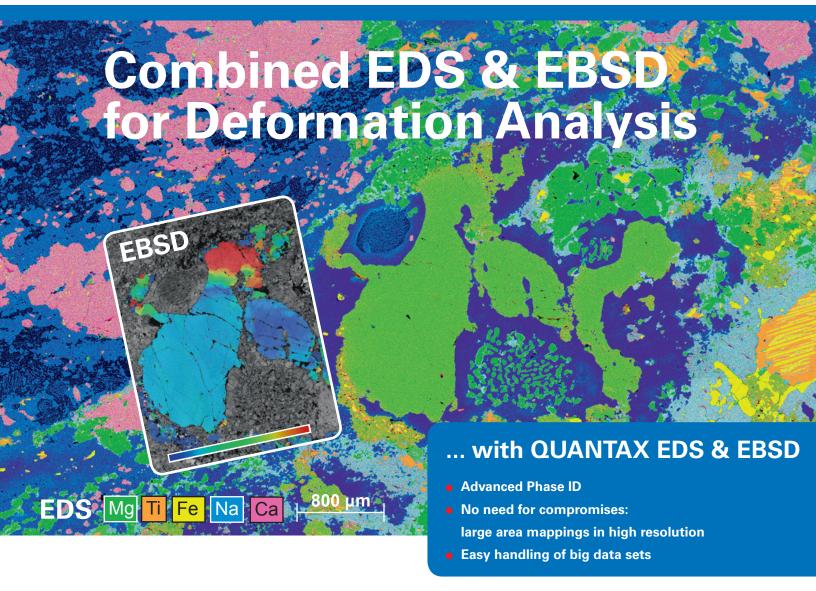
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See www.elementsmagazine.org/jobpostings

ELEMENTS DECEMBER 2013





The physical strength of garnets during the intense deformation of rocks is helpful for the reconstruction of geodynamic processes. The images above show a garnet in a granulite facies mafic boudin that occurs enclosed in quartzite layers within amphibolite facies gneiss of the Lindaas nappe, W-Norway. The high resolution EDS map emphasizes the coronitic reaction texture, which indicates that the sample passed a cooling stage and left the garnet stability field (P < 14 kbar, T < 800 °C). The inset shows the associated detailed EBSD grain average misorientation map (garnet only) revealing the strong plastic deformation affecting the garnet (misorientation legend: from 0.1° in blue to 10° in red) during subsequent deformation. High temperature plastic deformation leaves the garnet's major element chemistry nearly unaffected, thus in chemical disequilibrium with matrix grains. In collaboration with Dr. Dirk Spengler, Potsdam University, Germany.

More details can be found at: www.bruker.com/elements

EDS/EBSD

