

2015

April 12–17 European Geosciences Union General Assembly, Vienna, Austria. Web page: www.egu2015.eu

April 20–24 27th International Applied Geochemistry Symposium (IAGS), Tucson, AZ, USA. Website: www.27iags.com

May 3–7 AGU-GAC-MAC-CGU Joint Assembly, Montreal, Canada. Web page: <http://ja.agu.org/2015>

May 24–29 Japan Geoscience Union Meeting 2015 (JpGU 2015) “Makuhari Messe,” Chiba, Japan. Details forthcoming

May 31–June 3 AAPG 2015 Annual Convention & Exhibition, Denver, CO, USA. Web page: <http://ace.aapg.org/2015>

June 7–12 Gordon Research Conference: Interior of the Earth, South Hadley, MA, USA. Web page: www.grc.org/programs.aspx?id=12544

June 7–13 Applied Mineralogy & Advanced Materials - International Conference AMAM 2015, Castellana Marina, Taranto, Italy. Website: www.amam2015.org

June 13–17 ICAM 2015 (International Congress on Applied Mineralogy), Istanbul, Turkey. Website: www.icam2015.org.tr

June 14–19 Gordon Research Conference: Catchment Science: Interactions of Hydrology, Biology & Geochemistry, Andover, NH, USA. Web page: www.grc.org/programs.aspx?id=12330

June 15–19 Astrobiology Science Conference 2015, Chicago, IL, USA. Web page: www.hou.usra.edu/meetings/abscon2015

June 17–21 7th international Symposium on Granitic Pegmatites (PEG 2015), Ksiaz, Poland. Details forthcoming

June 21–26 Isotopes 2015, Jerusalem, Israel. Web page: <http://isotopes2015.conferences-travel-nevet.com>

June 22–29 Extensional Reactivation of Thrust Faults, Coseismic Surface Rupture, and Crustal Evolu-

tion in the Eastern Basin and Range Transition Zone, Evanston, WY, USA. Web page: www.geosociety.org/prenrose

June 22–July 2 XXVI General Assembly of the International Union of Geodesy and Geophysics (IUGG), Prague, Czech Republic. Web page: www.iugg2015prague.com/

June 26–28 ECROFI23 – The Sorby Conference on Fluid and Melt Inclusions, University of Leeds, UK. Web page: www.see.leeds.ac.uk/ecrofi

June 28–July 2 International Symposium on Zeolites and Microporous Crystals, Sapporo, Japan. Web page: www.zmpc.org

July 5–10 52nd CMS Annual Meeting, Edinburgh, Scotland. Web page: www.clays.org

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

July 25–29 Annual Meeting of the American Crystallographic Association, Philadelphia, PA, USA. Web page: www.amerystalassn.org/content/pages/main-annual-meetings

July 26–29 Granulites and Granulites 2015, Windhoek, Namibia. Web page: web.uct.ac.za/depts/geosci/G&g_2015_1circular.pdf

July 27–31 78th 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/microscopy-microanalysis-2015

August 2–7 The 20th American Conference on Crystal Growth and Epitaxy (ACCGE-20), Big Sky, MT, USA. Web page: www.crystalgrowth.org

August 8–14 Geoanalysis Conference, Leoben, Austria. Website: <http://2015.geoanalysis.info>

August 10–12 ICAM 2015 (International Congress on Applied Mineralogy), Istanbul, Turkey. Web Page: <http://icam2015.org>

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. Website: <http://goldschmidt.info/2015>

August 23–28 29th Meeting of European Crystallographic Association (ECM29), Rovinj, Croatia. Web page: <http://ecm29.ecanews.org>

August 24–27 SGA 13th Biennial Meeting, Nancy, France. E-mail: sga-2015@univ-lorraine.fr; web page: <http://sga2015.univ-lorraine.fr>

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

September 20–25 8th Hutton Symposium on Granites and Related Rocks, Florianópolis, Brazil. Web page: www.hutton8.com.br

September 21–25 11th meeting on Applied Isotope Geochemistry (AIG 11), Orléans, France. Web page: <http://aig11.brgm.fr>

September 27–30 Society of Economic Geologists (SEG) 2015 Conference: World-Class Ore Deposits: Discovery to Recovery, Hobart, Tasmania. Website: www.seg2015.org

September 28–October 2 22th International Symposium for Environmental Biogeochemistry, Portoroz, Slovenia. Web page: www.iseb22.ijs.si

October 4–8 MS&T'15: Materials Science & Technology Conference and Exhibition, combined with ACerS 117th Annual Meeting, Columbus, OH, USA. Web page: <http://ceramics.org/meetings/acers-meetings>

November 1–5 Geological Society of America Annual Meeting, Baltimore, MD, USA. E-mail: meetings@geosociety.org; web page: www.geosociety.org/meetings

November 9–13 Short Course “Introduction to Secondary Ion Mass Spectrometry in the Earth Sciences,” Potsdam, Germany. Web page: www.gfz-potsdam.de/SIMS/short-course

November 29–December 4 MRS Fall Meeting & Exhibit, Boston, MA, USA. Web page: www.mrs.org/fall-meetings

2016

January 18–22 10th International Symposium on Environmental Geochemistry (ISEG10), Perth, Western Australia. Website: www.iseg10.com

January 24–29 40th International Conference and Expo on Advanced Ceramics and Composites (ICACC'16), Daytona Beach, Florida, USA. Details forthcoming

February 14–18 TMS Annual Meeting & Exhibition, Nashville, TN, USA. Web Page: www.tms.org/meetings/annual-16/AM16home.aspx

March 13–17 251st ACS National Meeting & Exposition, San Diego, CA, USA. Web page: www.acs.org

June 19–22 AAPG 2016 Annual Convention & Exhibition, Calgary, Alberta, Canada. Web page: www.aapg.org/events/conferences/ace

June 26–July 1 Goldschmidt2016, Yokohama, Japan. Website: <http://goldschmidt.info/2016/>

July 24–28 Microscopy & Microanalysis 2016, Columbus, OH, USA. Web page: www.microprobe.org

August 7–12 79th Annual Meeting of the Meteoritical Society, Berlin, Germany. Web page : www.meteoriticalsociety.org

August 27–September 4 35th International Geological Congress, Cape Town, South Africa. Website: www.35igc.org

September 5–9 International Ni-Cu-PGE Symposium, Perth-Fremantle, Western Australia. E-mail: Steve.Barnes@csiro.au

September 11–15 EMC2016 – 2nd European Mineralogical Conference, Rimini, Italy. Web page: <http://emc2016.socminpet.it>

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.undayton.edu/~akoziol1/meetings.html>). To get meeting information listed, please contact her at Andrea.Koziol@notes.undayton.edu.

Cont'd from page 477



Pierrette and Ian at the Garden of the Gods, Colorado

by cog railway and a night in Leadville, at 3094 m (10,152 feet), the highest city in the USA. In its boom years, in the 1870s, Leadville had a population of over 30,000 and was the most famous locality for silver mining in the world. Today, with only 2600 residents, it has managed to preserve many nice old buildings, including our eccentric hotel, which was full of marvellous bric-a-brac and the mounted heads of examples of the local population of larger mammals, a feature shared with older hotels in Scotland.

So, Pierrette, I shall miss our frequent exchanges over my Parting Shots, but my friendship with you and Tom will most certainly continue. I've been retired for ten years and remain very busy. I'm certain the same will apply to you. Thank you so much for all you have done.

Ian Parsons (ian.parsons@ed.ac.uk)
University of Edinburgh, UK

TIMA & **AutoLoader**

The most powerful
support instrument for the
MINING & MINERAL INDUSTRY!

www.tescan.com/autoloader

Fast and
quantitative
mineral
analyses

Excellent for
24/7
operations

Significant
increase in
the sample
throughput

Fully
automated
operation

An International Journal of
**MINERALOGY, CRYSTALLOGRAPHY, GEOCHEMISTRY,
 ORE DEPOSITS, PETROLOGY, VOLCANOLOGY**
 and applied topics on **ENVIRONMENT, ARCHAEOLOGY
 AND CULTURAL HERITAGE**

Impact Factor 2013
 0.804

- Open access and free articles after registration
- Peer review
- No publication fees
- No page length limit
- No charge for colour figures



SAPIENZA
 UNIVERSITÀ DI ROMA

Scientific editor: Antonio Gianfagna
periodicodimineralogia@uniroma1.it



RARE MINERALS FOR RESEARCH

FROM our inventory of over 200,000 specimens, we can supply your research specimen needs with reliably identified samples from worldwide localities, drawing on old, historic pieces as well as recently discovered exotic species. We and our predecessor companies have been serving the research and museum communities since 1950. Inquiries by email recommended.



Dodecahedral grossular crystal from Sierra de Cruces, Coahuila, Mexico.
 Photograph by Jeff Scovil from Excalibur's exclusive Photographic Guide to Mineral Species CD.

Excalibur Mineral Corp.

NEW
 ADDRESS

1885 Seminole Trail, Ste 202, Charlottesville, VA 22901-1160, USA

Telephone: 434-964-0875; Fax: 434-964-1549

www.excaliburmineral.com | email: info@excaliburmineral.com



**UNIVERSITY OF
 CAMBRIDGE**
 Department of Earth
 Sciences

UNIVERSITY LECTURESHIP IN EARTH SCIENCES

We invite applications from candidates whose research is creative and innovative and in one or more of the following areas: igneous and metamorphic petrology, meteoritics, geochemistry (especially high-temperature geochemistry or cosmochemistry).

The department has broad interests in the chemical and petrological evolution of the Earth and the solar system. Candidates should have an outstanding record of research in a relevant subject area and will be expected to develop a vigorous research programme at an international level.

The person appointed will be expected to contribute to the Department's undergraduate teaching at various levels, and to take part in field teaching. At elementary level they may be asked to help with teaching outside their field of specialisation. We welcome applications from persons with degrees in Earth Sciences or allied disciplines.

The successful applicant will be expected to contribute to the research activity of the Department leading to interaction with academic staff across several areas of the subject, to supervise research students and actively to seek external funds to support their research. The Department assists new academic staff as much as possible to establish their research in Cambridge.

The Department is committed to equality and diversity, and we would particularly welcome applications from women and minority candidates. Details of some of the family-friendly policies operated by the University are at: <http://www.hr.admin.cam.ac.uk/pay-benefits/cam-bens-employee-benefits/family-friendly>. The University holds an institutional Athena-SWAN silver award.

Closing date SATURDAY 24 JANUARY, 2015. For further information and full application details please contact the Administrator (ab78@esc.cam.ac.uk) or see: <http://www.jobs.cam.ac.uk/job/5480/>

See also our website <http://www.esc.cam.ac.uk>
 Department of Earth Sciences, Downing Street, Cambridge CB2 3EQ, UK.

ADVERTISERS IN THIS ISSUE

AHF Analysentechnik	426
Australian Scientific Instruments (ASI)	Inside front cover
Bruker Daltonik	473
Bruker Nano	404
Cameca	433
Carl Zeiss	413
Excalibur Mineral Corporation	480
FEI	434
Geochemist's Workbench	Back cover
IAGeo Ltd	474
Isoprime	408
JEOL	404
National Electrostatics Corporation (NEC)	409
Nu Instruments	414
<i>Periodico di Mineralogia</i>	480
Savillex	Inside back cover
Tescan Orsay Holding	479
Thermo Scientific	411

JOB POSTINGS

University of Cambridge	480
-------------------------	-----

See www.elementsmagazine.org/jobpostings



Sample Introduction Systems



ICP Sample Introduction Solutions for Geochemistry

▶ from the leader in fluoropolymer manufacturing

“Geochemistry would not be where it is today if it were not for Savillex Corporation.”

*– Dr. Mike Cheatham,
Syracuse University*

Savillex Corporation has been proudly serving the geochemistry community for over 35 years.

Our fluoropolymer labware products are used throughout the

world for sample digestion, separations, storage and many other applications. We understand the unique needs of geochemists and now our new line up of ICP-OES and ICP-MS sample introduction products combine the highest performance and the lowest metal background with the ruggedness and reproducibility required for routine analysis.

All of our ICP sample introduction products are designed, molded and tested in house, using only the highest purity grade PFA resins.

For technical notes, videos and to find your local Savillex distributor, visit www.savillex.com.

Savillex Corporation

Phone: 952.935.4100 | Fax: 952.936.2292

Email: info@Savillex.com | www.savillex.com

Nebulizers – C-Flow

- C-Flow microconcentric PFA nebulizer range with the narrowest uptake rate specification
- New C-Flow 35 with uptake rate of 35uL/min +/-7uL/min
- C-Flow range for desolvators – standard fitment on the CETAC Aridus II
- C-Flow 700d with removable uptake line for high solids applications – up to 25% TDS
- All C-Flows can be backflushed without tools

Inert Kits

- PFA kits with Scott type chamber
- True double pass design gives lower RSDs
- O-ring free end cap
- Platinum or sapphire injectors
- Available for Agilent 7500/7700/8800 and Thermo Element 2/Neptune

NEW!

Purillex™ FEP and PFA Bottles

- Lowest metal background
- Highest seal integrity



Unraveling the
mysteries of our
watery world.



THE
Geochemist's[®]
WORKBENCH

Short courses in Philadelphia, Johannesburg,
Santiago, Champaign, Prague, and Yokohama.
Half price special! GWB.com/Workshops

Download free
GWB Student Edition!
student.GWB.com