



# Mineralogical Society of Great Britain and Ireland

[www.minersoc.org](http://www.minersoc.org)

## COUNCIL AND OTHER POSITIONS TO BE FILLED

Members of the Mineralogical Society of Great Britain and Ireland (MinSoc) are encouraged to nominate colleagues or to offer their own services for one of the following roles, beginning in 2017:

- General Secretary (2017–2022)
- Public Relations Officer (2017–2022)
- 3 Ordinary members of council (2017–2019)
- 2 Custodian Trustees (2017–2021)
- Distinguished Lecturer Coordinator (2017–2019)
- Awards Committee Chair (2017–2019)

Please send your (self-) nomination to Kevin Murphy ([kevin@minersoc.org](mailto:kevin@minersoc.org)) before the end of June 2016.

## NORTH ATLANTIC CRATON+ 2016 MEETING

The second in our series of North Atlantic Craton meetings (NAC+ 2016) was held recently in Edinburgh (Scotland). Two very successful days of science were mixed with plenty of time for debate and discussion and even to get dressed up in native Scottish garb!



Dressed in Scottish garb. From left: David Corrigan, Denis Schlatter, Josh Hughes, Adrian Finch and Mike Hamilton

The following keynote lectures were given:

- “Discovering the undiscovered: mineral evaluation programs, predictive mineral potential mapping and mineral assessments in the North Atlantic craton, Greenland”, by B. Moller-Stensgaard.
- “Paleoproterozoic tectonic evolution and metallogeny of Fennoscandia”, by R. Lahtinen, M. Sayab and P. Eilu.
- “Large Igneous Provinces and Metallogeny; implications for mineral exploration in the North Atlantic Craton and surrounding regions”, by S. M. Jowitt and R. E. Ernst.
- “Anatomy and evolution of the Makkovik-Ketilidian Orogenic Belt in Labrador, Canada: A review of outstanding problems related to tectonic evolution and metallogeny”, by A. Kerr, A. M. Hinchey and G. Sparkes.
- “Sources of metals from the asthenosphere or lithospheric mantle and formation of the continental crust”, by N. Arndt.

There was also a conference field trip to the Outer Hebrides (Scotland), led by Kathryn Goodenough (British Geological Survey, UK) and Hannah Hughes (University of the Witwatersrand, South Africa):

Full details of the meeting (including the programme + abstract volume and a copy of the field-trip guide) can be found at [www.minersoc.org/NAC-2016-report.html](http://www.minersoc.org/NAC-2016-report.html). A detailed report will be published at that location in due course.



**Back row** (left to right): Brian Upton, David Corrigan, Anne Klith, Svend Joensen, Richard Lord, Jonas Petersen, Sebastian Fisher, Jochen Kolb, George Guice, James Davies. **Front Row** (left to right): Kathryn Goodenough, Hannah Hughes, Paul Armitage, Peter Cawood, Deanne Van Rooyen, Helene Heide-Jorgensen, Mike Hamilton. PHOTO COURTESY OF K. GOODENOUGH

## MINERALOGICAL MAGAZINE

The April 2016 issue of *Mineralogical Magazine* contains the following papers:

- Lateral variations in plagioclase compositions, Main Zone, Bushveld Complex, South Africa: Evidence for slow mixing of magmas in basinal structures. Richard Cawthorn, Kasper Lundgaard, Christian Tegner and James Wilson
- Dimers of oxocentered  $[\text{OCu}_4]^{6+}$  tetrahedra in two novel copper selenite chlorides,  $\text{K}[\text{Cu}_3\text{O}](\text{SeO}_3)_2\text{Cl}$  and  $\text{Na}_2[\text{Cu}_7\text{O}_2](\text{SeO}_3)_4\text{Cl}_4$ , and related minerals and inorganic compounds. Vadim M. Kovrugin, Marie Colmont, Olivier Mentré, Oleg I. Siidra and Sergey V. Krivovichev
- The mineralogical system: Can global plots teach us something new? Milan Rieder
- T-induced displacive phase transition of end-member Pb-lawsonite. Martin Ende, Bernd Wunder, Monika Koch-Müller, Thomas Pippinger, Gernot Buth, Gerald Giester, Christian Lengauer and Eugen Libowitzky
- Magnesio-ferri-fluoro-hornblende from Portoscuso, Sardinia, Italy: description of a newly approved member of the amphibole supergroup. Roberta Oberti, Massimo Boiocchi, Frank C. Hawthorne, Neil A. Ball and Luigi Chiappino
- Motukoreaite from the Kłodawa Salt Dome, Central Poland. Jacek Wachowiak and Adam Pieczka
- The relationship between mineral composition, crystal structure and paragenetic sequence: the case of secondary Te mineralization at the Bird Nest drift, Otto Mountain, California, USA. Andrew Christy, Stuart Mills, Anthony Kampf, Robert Housley, Brent Thorne and Joe Marty
- Ferrivauxite, a new phosphate mineral from Llallagua, Bolivia. Gunnar Raade, Joel Grice and Ralph Rowe
- $\text{Cu}_{0.8}\text{Mg}_{1.2}\text{Si}_2\text{O}_6$ : a copper-bearing silicate with the low clinopyroxene structure. Lei Ding, Céline Darie, Claire Colin and Pierre Bordet
- Nickeltsumcorite,  $\text{Pb}(\text{Ni}, \text{Fe}^{3+})_2(\text{AsO}_4)_2(\text{H}_2\text{O}, \text{OH})_2$ , a new tsumcorite-group mineral from Lavrion, Greece. Igor V. Pekov, Nikita V. Chukanov, Dmitry A. Varlamov, Dmitry I. Belakovskiy, Anna G. Turchkova, Panagiotis Voudouris, Athanassios Katerinopoulos and Andreas Moudanas
- The combined use of steam-treated bentonites and natural zeolites in the oenological refining process. Mariano Mercurio, David Bish, Piergiulio Cappelletti, Bruno de Gennaro, Maurizio de Gennaro, Celestino Grifa, Francesco Izzo, Vincenzo Morra, Vincenzo Mercurio and Alessio Langella



- A CO<sub>3</sub>-bearing member of the hydroxylapatite–hydroxyllestadite series from Tadano, Fukushima Prefecture, Japan: CO<sub>3</sub>–SO<sub>4</sub> substitution in the apatite–ellestadite series. Y. Banno, R. Miyawaki, K. Momma and M. Bunno
- Vanadium, V – a new native element mineral from the Colima volcano, State of Colima (Mexico), and implications for fumarole gas composition. Mikhail Ostrooumov and Yuri Taran
- Primary phases in aluminous slags produced by the aluminothermic reduction of pyrochlore. Roger Mitchell and Anthony Mariano
- The Great Barrier Reef Expedition 1928-29: The crystal structure and occurrence of weddellite, ideally CaC<sub>2</sub>O<sub>4</sub>·2.5H<sub>2</sub>O, from the Low Isles, Queensland. Stuart Mills and Andrew Christy
- 2015 Mineralogical Society Awards – Schlumberger Award, Collins Medal, Max Hey Medal

Read them online at <http://www.ingentaconnect.com/content/minsoc/mag> or <http://minmag.geoscienceworld.org/>. Members can log in at [www.minersoc.org](http://www.minersoc.org) to gain access.

### PRE-PUBLICATION SERVICE

*Mineralogical Magazine* has launched a new ‘Pre-publication’ service. As soon as a paper is accepted for publication, an ‘Author’s’ version of the accepted manuscript is assembled, a DOI is added to it and it is published online, with open access. Authors are permitted to place a copy of this file in a data repository or website straight away. When the version of record (i.e. copy-edited and typeset) has been completed, this version will replace the pre-published version. Green open access terms and conditions continue to apply to the version of record, i.e. a 12 month embargo continues to apply. Visit the prepublication service at <http://www.ingentaconnect.com/content/minsoc/mag/pre-prints>.

### EMC 2016

The European Mineralogical Congress “Minerals, Rocks and Fluids: alphabet and words of planet Earth” will take place from 11–15 September 2016 at the Palacongressi di Rimini (Italy). The national mineralogical societies of Europe are coming together for the second time in Italy. Up to 1,000 scientists are expected to attend. This will be the Mineralogical Society’s main meeting for 2016.



The Mineralogical Society is supporting two sessions directly and encourages attendance by as many members as possible. The previous conference in this series, held in Frankfurt (Germany), was a huge success, and the plans are that this one will be even better.

- Biogeochemical Interfaces and Environmental Mineralogy (led by the Geomicrobiology Network)
- The Future of Critical Metals: Mineralogy, Metallogenesis and Geometallurgy (led by the Applied Mineralogy Group)

Dr Kevin Rosso of the Pacific Northwest National Laboratory (Washington, USA) will present the Hallimond Lecture during the first of the two sessions listed above. Also in attendance will be Prof. Liane Benning of the University of Leeds (UK), who is this year’s winner of the Mineralogical Society’s Schlumberger Award. She will present a plenary lecture. The conference will cover areas such as mantle petrology and geochemistry, magmatism and volcanology, metamorphism, applied mineralogy and material science, thermodynamics, kinetics and mineral physics, mineralogical crystallography. For a detailed list of sessions and more on registration and submitting an abstract, please go to: <http://emc2016.socminpet.it/>

### SPECIAL INTEREST GROUPS

Two new special interest group chairs have been appointed since the last issue: Hannah Hughes ([hannah.hughes@wits.ac.za](mailto:hannah.hughes@wits.ac.za)) has taken over



Hannah Hughes (left) and Anna Bird (right)

leadership of the Applied Mineralogy Group, and Anna Bird ([A.Bird@hull.ac.uk](mailto:A.Bird@hull.ac.uk)) assumes the chair of the Metamorphic Studies Group. Both are keen to hear from people interested in those groups with ideas for action.

The 2<sup>nd</sup> European Mineralogical Conference will be held at the Palacongressi di Rimini, Italy, 11-15 September 2016

**emc<sup>2016</sup>**  
11 - 15 September  
European Mineralogical Conference

**Minerals, rocks and fluids:  
alphabet and words of planet Earth**

WEB: [emc2016.socminpet.it](http://emc2016.socminpet.it)

Contributing societies are:

- DMG** Deutsche Mineralogische Gesellschaft
- MinSoc** Mineralogical Society of Great Britain & Ireland
- MinSocFin** Mineralogical Society of Finland
- ÖMG** Österreichische Mineralogische Gesellschaft
- PTMin** Mineralogical Society of Poland
- RMS** Russian Mineralogical Society
- SEM** Sociedad Española de Mineralogía
- SFMC** Société Française de Minéralogie et de Cristallographie
- SIMP** Società Italiana di Mineralogia e Petrologia
- SSMP** Swiss Society of Mineralogy and Petrology

With participation of:

- EMU** European Mineralogical Union

Main themes will be: Mantle petrology and geochemistry • Magmatism and volcanology • Metamorphism • Applied mineralogy • Mineral physics • Mineralogical crystallography • Mineral diversity and evolution • Planetary materials and processes • Mineral deposits and raw materials • Low-T geochemistry • Geochronology • Geomicrobiology and biomineralogy • Mineralogical sciences for climate change • Environmental and medical mineralogy • Advanced analytical techniques • Archaeometry, care and preservation

There will be a series of invited plenary lectures, including the acceptance speech of the recipient of the IMA medal award. Chairmen: Giuseppe Cruciani and Bernardo Cesare on behalf of SIMP. Email: [info@emc2016.socminpet.it](mailto:info@emc2016.socminpet.it)