



# European Mineralogical Union

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## EMU ACTIVITIES AT THE 2015 V.M. GOLDSCHMIDT CONFERENCE

### EMU Medal for Research Excellence 2014

The 2014 European Mineralogical Union (EMU) Research Excellence Medal was awarded to **Dr. Encarnación Ruiz-Agudo** (Department of Mineralogy and Petrology at the University of Granada, Spain) at the 25<sup>th</sup> anniversary of the V.M. Goldschmidt Conference, which was



Encarnación Ruiz-Agudo (right) receives the EMU Research Excellence Medal and certificate from Wilhelm Heinrich (EMU President, left).

held 16–21 August 2015 in Prague (Czech Republic) and at which she gave the keynote talk “The control of calcium silicate weathering and climate evolution by dissolution–precipitation processes at the mineral–water interface”. The award was in recognition of her important contributions to the field of mineral–water interactions and related phenomena, including applications to weathering processes, geochemical proxies, crystal growth processes, and environmental remediation. This medal also recognizes Dr. Ruiz-Agudo’s active involvement in mineralogical research at the European level: she has collaborated with scientists

from many countries. Her stature in the international mineralogical community is underlined by her guest editorship of the June 2013 issue of *Elements*.

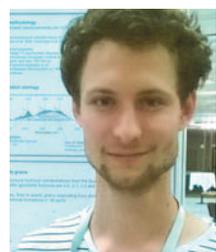
### EMU TRAVEL GRANTS AND POSTER PRIZES

The European Mineralogical Union sponsors one travel grant and three poster prizes, which go to specific mineralogy-related sessions at Goldschmidt2015.

The travel grant was awarded to **Robert Sievwright** (Imperial College London, UK) so that he could present his talk “Thermodynamic controls on the partitioning of divalent cations between magnetite and silicate melts” at session 12a, “Frontiers in Trace Element Geochemistry of Ore Minerals and Accessory Phases: Micro- and Nano-Analytical Developments and Applications” (convenors: Martin Reich, Ross Large, and Artur Deditius).



Robert Sievwright



Tamás Biró

Two of the poster prizes were awarded to contributions presented at session 14f, “Water in the Mantle and Crust: Hydrous and Nominally Anhydrous Minerals” (convenors: Istvan Kovacs, Jannick Ingrin, Roland Stalder, Nathalie Bolfan-Casanova). The first recipient was **Tamás Biró** (Institute of Geography and Earth Sciences, Eötvös Loránd University, Hungary) for his contribution “Water in quartz from various rhyolitic pyroclastic horizons: A new correlation tool?”; the second recipient was **Sho Kakizawa** (Geodynamics Research Center, Ehime University,

Matsuyama, Japan) for his contribution “Water solubility of Al-bearing bridgmanite at lower mantle conditions”.



Sho Kakizawa (left) receives his prize certificate from J. Majzlan (EMU Secretary, centre) and F. Gervilla (EMU vice president, right).



George Beridze (centre) receives his prize certificate from F. Gervilla (EMU vice president, left) and W. Heinrich (EMU president, right).

The third poster prize was awarded to **George Beridze** (Forschungszentrum Jülich, Germany) for his contribution “Ab Initio Modeling of Computationally Challenging Earth (f-)Materials”, presented at session 14b, “Crystal Chemistry of Earth and Planetary Materials” (convenors: Tiziana Boffa-Ballaran and Joe Smyth).

### EMU GRANTS AT ECMS 2015

The 8<sup>th</sup> European Conference on Mineralogy and Spectroscopy (ECMS 2015) was held 9–11 September 2015, in Rome (Italy) at the headquarters of the National Research Council (CNR), and gathered together about 120 participants from 19 countries across Europe, America, Asia and Australia. The conference was carefully and magnificently organized by Giovanni B. Andreozzi and Ferdinando Bosi (Sapienza University of Rome, Italy). The EMU awarded grants to two young scientists.

First, to **Sari Romppanen** (Nanoscience Center, University of Jyväskylä, Finland), who presented the lecture “Analysis of luminescent calcite by laser-induced breakdown spectroscopy”. Second, to **Elena Zhitova** (University of St.Petersburg, Russia), who spoke about “High-temperature crystal chemistry of astrophyllite from Kola peninsula, Russia”. The EMU Best Poster Award was given to **Chiara Anzolini** (University of Padua, Italy) for her presentation “Diffraction and spectroscopic characterization of jeffbenite: a high-pressure marker in diamonds”. The next ECMS will take place in 2019 in Prague (Czech Republic).



Sari Romppanen



Elena Zhitova



Chiara Anzolini