

## 2017 SINO-GERMAN SYMPOSIUM "RADIATION DAMAGE AND NUCLEAR WASTE FORMS"

2017 Sino-German symposium on  
"Radiation damage and nuclear waste forms"

The first Sino-German symposium on nuclear waste, entitled "Radiation Damage and Nuclear Waste Forms", was held 13–17 October 2017 in Chengdu (China). The symposium was funded by the Sino-German Science Center and was supported by the National Science Foundation of China (NSFC) and the Deutsche Forschungsgemeinschaft (DFG, German Research Foundation). The symposium was organized by Professor Ulrich Bismayer of the Universität Hamburg (Germany) and Professor Ming Zhang of the Institute of Materials, China Academy of Engineering Physics (China).

More than forty participants, which included experts on the subject, young researchers and local graduate students, attended the symposium. They came from more than twenty university and research institutes from China, Germany, and the UK. The talks covered research areas such as the synthesis and characterization of nuclear waste forms, the geological disposal of high-level nuclear wastes, the effect of radiation on materials, the impact of ion implantation on physical and chemical properties of materials, the application of radiation effects in Earth sciences, the applications of new analytic methods, and the modelling of nuclear waste immobilization via computer simulations.

Participants also visited the new laboratories of the Advanced Materials Research Center at the Chengdu Base of the China Academy of Engineering Physics (China).

The participants all agreed that the symposium was a great success. The presented research was at a high scientific level, important issues were discussed in detail, and the symposium offered Chinese and German scientists excellent opportunities for future international cooperation.

BURNS, GREW, AND HAZEN ELECTED AS  
FOREIGN HONORARY MEMBERS OF THE  
RUSSIAN MINERALOGICAL SOCIETY

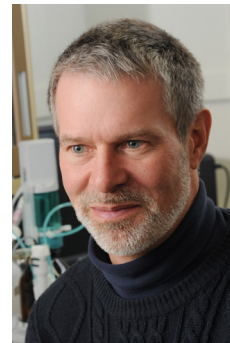
1811-5209/18/0067-\$0.00 DOI: 10.2138/gselements.14.1.67



Peter C. Burns



Edward S. Grew



Robert M. Hazen

At its 200<sup>th</sup> Anniversary Meeting in St. Petersburg (Russia), held 10–13 October 2017, the Russian Mineralogical Society elected **Peter C. Burns**, Henry Massman Professor at the University of Notre Dame (Indiana, USA); **Edward S. Grew**, Research Professor at the University of Maine (USA); and **Robert M. Hazen**, Senior Staff Scientist of the Geophysical Laboratory (Washington D.C., USA) and Executive Director of the Deep Carbon Observatory, as Foreign Honorary Members of the society.

Burns was elected for his "outstanding contributions to mineralogy and crystallography, especially in the field of uranium minerals." Previous awards for Burns include the Peacock, Young Scientist, and Hawley Medals from the Mineralogical Association of Canada and the MSA Award from the Mineralogical Society of America. Burns is currently President of the International Mineralogical Association.

Grew was elected for "outstanding contributions to mineralogy and geochemistry of boron and beryllium and long-term fruitful collaborations with Russian mineralogists." These collaborations began in 1972 with Grew's participation as an exchange scientist on Soviet Antarctic Expeditions and continued with participation in interacademy exchanges. Grew is the author of over 170 articles and editor of the MSA's *Reviews of Mineralogy and Geochemistry* volumes on boron (1993, volume 33) and beryllium (2002, volume 50). The Mineralogical Society of Great Britain and Ireland awarded him the Collins Medal.

Hazen was elected for "outstanding contributions to crystal chemistry of minerals under extreme conditions and theories of mineral evolution and ecology." Hazen is author of more than 400 articles and 25 books. He received the 2016 Roebling Medal, the MSA Award, and the Distinguished Public Service Medal from the Mineralogical Society of America, as well as the Ipatieff Prize from the American Chemical Society.

Founded in 1817 as the Mineralogical Society of Saint Petersburg, the Russian Mineralogical Society is the oldest of the still-active national mineralogical societies (*Elements*, v11 p271 2015). The society's motto "Mineralogy in all the space of this word" expresses its broad definition of mineralogy to include not only professional mineralogists but also amateurs and others whose interest in minerals has been aroused by their beauty, relevance to other sciences, or practical use. Over the course of its 200 year history, the society has recognized 145 mineralogists worldwide as Foreign Honorary Members.