

Meteoritical Society

http://meteoriticalsociety.org



Downtown Edmonton

ANNUAL MEETING

The 76th Annual Meeting of the Meteoritical Society will be held in Edmonton, Alberta, Canada, at the Crowne Plaza Hotel on July 29–August 2, 2013. At press time, details of travel grants had not yet been finalized. However, it is anticipated that travel grants will be available for qualified graduate students who are members of the Meteoritical Society. Funds from the Meteoritical Society Endowment Fund will also be provided to scientists from low-income countries. A generous contribution from the Royal Astronomical Society of Canada–Edmonton Chapter has provided funding to assist undergraduate students enrolled at Canadian universities to attend the meeting. Travel grant applications will require a completed application form, including a current résumé, to be submitted before the abstract deadline, which is May 16, 2013. Information on all travel grants, including eligibility and other requirements, is available at the meeting website: www.metsoc2013edmonton.org.

The meeting website will be updated as plans progress. Visit often to find out about special sessions, excursions, and field trips and to plan your visit to Alberta; you can also follow the meeting on Twitter: @MetSoc2013.

NEW BOOK ON IMPACT CRATERING

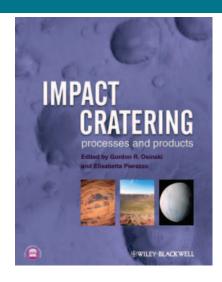


A new book of interest to Meteoritical Society members has been published by Wiley-Blackwell (January 2013). *Impact Cratering: Processes and Products*, edited by **Gordon Osinski** and **Elisabetta Pierazzo**, seeks to fill a critical gap in the literature by providing an overview text covering broad aspects of the impact-cratering process. The book's 20 peer-reviewed chapters are aimed at graduate students, professionals, and researchers. This book introduces readers to

the threat and nature of impactors, the impact-cratering process, the products of impact, and the effects—both destructive and beneficial. A series of chapters on the various techniques used to study impact craters provide a foundation for anyone studying these fascinating objects.



This book is dedicated to **Betty Pierazzo**, who sadly passed away before the book was published. As noted in the dedication, "Betty was an exceptional scientist and she made numerous important research contributions throughout her career." Betty was a leader in her field and instrumental in bringing together researchers from different aspects of the cratering community to look at big



problems, organizing many conferences, including the Bridging the Gap series, to this end. She was also very interested in education and public outreach, and she developed the Explorer's Guide to Impact Craters program. Those who knew Betty will remember her incredible lust for life. The dedication continues, "Whether it was interacting with colleagues on field trips to impact craters around the world, on the pitch playing soccer, or during the many social gatherings at her house in Tucson, Betty always had a smile on her face that invoked the same sense of enthusiasm and joy in everyone she met... The impact community has lost an invaluable member; we all miss her."

The book is available in both print and e-book form. The figures are available as PowerPoint files from a companion website and provide a valuable teaching resource (www.wiley.com/WileyCDA/WileyTitle/productCd-140519829X,descCd-tableOfContents.html).

MetSoc members can purchase this book at a 25% discount through the Wiley-Blackwell discount program. Please see the membership services page on the Society website.

REDUCED MEMBERSHIP RATES IN DEVELOPING COUNTRIES

The Meteoritical Society invites membership applications at reduced rates (\$24/year) from people who live in countries on the Health InterNetwork Access to Research Initative (HINARI) list (www.who.int/hinari/eligibility/en). This rate includes printed copies of *Elements* and the Society's journal, *Meteoritics & Planetary Science*, as well as electronic access to these journals. Please send requests to the chair of the Membership Committee, Alex Ruzicka (ruzickaa@pdx.edu).

ANNUAL MEETING SCHEDULE

2013: Edmonton, Alberta, Canada, July 29-August 2

■ 2014: Casablanca, Morocco, September 7–14

2015: Berkeley, California, USA, July 27-31

■ 2016: Berlin, Germany, August 7–12

ELEMENTS APRIL 2013

THANKS TO OUR SOCIETY COMMITTEE MEMBERS

The Meteoritical Society would like to extend its sincere thanks to all those members who are serving on Society committees this year. We have listed their names below, with the names of the committee chairs in bold; the names of those rotating off are in italics. Without the generous help of these members, the Society could not function. We greatly appreciate their help!

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SECOND SCIENTIFIC MEETING OF THE GROUPE DE PÉTROLOGIE ENDOGÈNE

The 2nd Scientific Meeting of the Groupe de Pétrologie Endogène, in collaboration with the Société Française de Minéralogie et de Cristallographie and the Société Géologique de France, was held in Nancy at the Centre de Recherches Pétrographiques et Géochimiques (CRPG) on 22-23 January 2013. Organized by K. Devineau (GéoRessources, Nancy), S. Duchêne and M. Grégoire (Géosciences Environnement, Toulouse), and F. Faure (CRPG, Nancy), the meeting brought together 80 participants (photo), including researchers and graduate students. The CRPG, the Observatoire Terre Environnement Lorraine, the Labex Ressources 21 project, and the Université de Lorraine sponsored the meeting. The first day was devoted to a series of high-quality talks on deep fluid and melt inclusions and their applications to diverse scientific topics. On the second day, post-doctoral fellows and PhD students delivered oral and poster presentations on their research in various fields of igneous and metamorphic petrology. The next scientific meetings of the Groupe de Pétrologie Endogène are planned for Pau in 2014 and Rennes in 2015. All are welcome!



MINERAL RESOURCES: SCIENTIFIC AND SOCIETAL CHALLENGES – SHORT COURSE

A CNRS short course on mineral resources was held in Geneva on 5-7 February 2013. The short course was organized by a France-Switzerland team from the Université de Genève, the Université de Savoie in Chambéry and the Université Joseph Fourier in Grenoble and was sponsored by several mining companies, institutions and societies (including SFMC). The course attracted about 330 participants, mainly master's and PhD students but also scientists from universities and mining or consulting companies. The lecture topics ranged from fundamental science to economic and societal issues: new research on ore-forming processes, new exploration techniques, the environmental impact of mining (including remediation of polluted sites and "green-mining"), the social impact of the mining industry, and the economics and trading of raw materials. An afternoon was devoted to round-table discussions on future employment in the minerals industry, links between academia and industry, the future of submarine mining, the social perception of the mining industry, and future scientific challenges in the study of ore deposits. Young scientists presented their research as posters, and four received awards from Rio Tinto for their innovation or multidisciplinary aspects. Plenary lectures were given by S. Simmons (Colorado School of Mines) on epithermal deposits and by M. Harris (Rio Tinto) on the moral case for mining. The excellence of the talks and the active participation of the audience in the discussions vividly illustrated the renewed enthusiasm of European Earth scientists, in academia and industry, for economic geology and the study of mineral resources. The Université de Rennes offered to organize the next short course, to be held in the spring of 2014.

ELEMENTS APRIL 2013