



Meteoritical Society

<http://meteoriticalsociety.org>

2016 ANNUAL MEETING INVITATION

You are cordially invited to attend the 79th Annual Meeting of the Meteoritical Society, which will take place 7–12 August 2016 in Berlin (Germany). The annual meeting is jointly organized by the Museum für Naturkunde (MfN) Berlin and the Geosciences Department of Freie Universität Berlin (FUB). It will be held on the Dahlem Campus of FUB in the modern Henry-Ford-Bau conference center. Oral sessions will take place in the state-of-the-art auditoria; plenary sessions will be in the main auditorium, which seats 1,000 and where the public Barringer Invitational Lecture will be presented. Poster sessions will also take place on the Dahlem Campus. Conference registration starts Sunday, 7 August 2016, and will be arranged at the historic Thae Saal of the Humboldt Universität zu Berlin in Berlin-Mitte, directly adjacent to the Museum für Naturkunde. From 6 p.m. that Sunday, the welcome party will be held at the MfN itself. Participants who attended the 1996 MetSoc meeting in Berlin will be able to judge how this museum, which was situated in the former GDR, has changed since Germany's reunification. Like the museum, the city of Berlin has also dramatically changed since reunification and has become one of the premium travel destinations worldwide.

One of the highlights will take place on Wednesday (10 August) when the awards ceremonies will take place. That will be followed by several enjoyable excursions (e.g. "Historical Potsdam" or "Cultural Berlin") before the conference banquet. The banquet will take place in the Wasserwerk, and although this was the former location of Berlin's sewage works, participants are assured that this venue lacks for nothing when it comes to comfort and has a distinct, somewhat unique, charm.

The conference program will include two scientific workshops, both of which will precede the conference. A two-day workshop on "Shock Metamorphism and High-Pressure Phases in Meteorites and Terrestrial Impactites" will be organized by Tom Sharp, Dieter Stoeffler, and Oliver Tschauer; and a one-day workshop entitled "Microstructure and Geochronology of Shocked Accessory Phases" will be organized by Aaron Cavosie and Nicholas Timms. This latter workshop will comprise a day of preconference presentations on the state-of-the-art in this field, covering everything from sample preparation to data reduction. This will be followed-up by SEM sessions scheduled during the week for live data collection.

There are a number of excursions being prepared, including a 5-day postconference excursion to the Gardnos and Ritland impact structures in Norway. Other excursions include the Nördlinger, Ries, and Steinheim impact craters in southern Germany (3 days); a two-day excursion to the Morasko impact-crater field near Poznan in Poland. There also will be two excursions dedicated to historical geology and mining in the scenic parts of the Ore Mountains: the first will be to the Reiche Zeche mine and the Terra Mineralia in Freiberg, plus the Zinnwald visitors' mine; the second to the Harz Mountains for an unforgettable World Heritage experience where participants will visit the Rammelsberg mine, the historic city of Goslar, and the exceptionally preserved medieval town of Quedlinburg.

Our official housing agency for the 79th Annual Meeting of the Meteoritical Society has reserved hotel rooms in different price categories either close to the conference venue or in the Western and Eastern parts of the city center, with easy access to the public transportation system. Reservations will soon be possible via the conference website.

The city of Berlin is vibrant and internationally renowned for its cultural attractions. Both airports (Tegel and Schönefeld) are located close to the city, and there are excellent public transport options to access the hotels. The weather in early August in Berlin is likely to be hot: 25–30°C during the day and 15–18°C at night; some humidity

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BERLIN · GERMANY · 7–12 AUGUST 2016



may occur, and summer thunderstorms cannot be ruled out. Further information about Berlin and its environs can be obtained at www.berlin.de/en/ or at www.visitberlin.de/en.

The conference website is www.metsoc-berlin.de, which will be updated as further information becomes available. For specific information please contact the Organizing Committee at MetSoc2016@mfn-berlin.de

IN MEMORIAM – JOE GOLDSTEIN



Dr. Joseph I. Goldstein passed away at home on Saturday, 27 June 2015. He was born 6 January 1939 in Syracuse, New York and obtained his bachelor's, master's, and doctorate degrees from the Massachusetts Institute of Technology in 1960, 1962, and 1964, respectively. Upon completing his doctorate, he worked for NASA at the Goddard Space Flight Center in Greenbelt (Maryland, USA) until 1968. From 1968–1993, he was a professor of metallurgy and materials science at Lehigh University (Pennsylvania, USA). Dr. Goldstein provided research and teaching leadership for over 20 years as Vice President for Research at Lehigh (1983–1990) and as Dean of Engineering at the University of Massachusetts (UMass) in Boston (1993–2004). He led the development of several major research and applied research centers, including two National Science Foundation engineering research centers and a Ben Franklin center at Lehigh University, and he improved the undergraduate engineering curriculum at UMass. In addition, he played a major role in increasing diversity in the College of Engineering at UMass. After ending his term as Dean of Engineering at UMass, Joe remained on the UMass faculty until his retirement in 2014.

Dr. Goldstein received a great many awards during his career, including the Presidential Science Award of the Microbeam Analysis Society in 1991; the Leonard Medal of the Meteoritical Society in 2005 for outstanding contributions to the science of meteoritics and closely allied fields; and the Chancellor's Medal at UMass in 2007. In 2000, an asteroid was named Joegoldstein in honor of his research work. In 2015, the Microbeam Analysis Society and the Meteoritical Society together established an early career development award in honor of Dr. Goldstein "to recognize his exceptional contributions to training multiple generations of microanalytic experts."

Joe was an active member of Congregation B'nai Israel of Northampton, where he served on the board of directors. He was also on the board at UMass Hillel and sang in Mak'hela, the Jewish Chorus of Western Massachusetts. He is survived by his wife of 52 years, Barbara; his daughter, Anne Goldstein-Factor; and his grandchildren, Sophie and Dov.

Donations in Dr. Goldstein's memory can be sent to Congregation B'nai Israel, 253 Prospect St., Northampton, MA 01060, USA; the Meteoritical Society, care of Candace Kohl, 294 Torrey Pines Terrace, Del Mar, CA 92014, USA; or the ALS Association, www.alsa.org. Obituaries can be found at the *Daily Hampshire Gazette* and the UMass websites*.

* www.legacy.com/obituaries/gazettenet/obituary.aspx?n=joseph-goldstein&pid=175216254&fhid=15522#sthash.T1TCDb19.dpuf
www.umass.edu/newsoffice/article/obituary-joseph-i-goldstein-distinguished

TRAVEL AWARDS

This year, 44 of the students and researchers who attended the annual meeting of the society in Berkeley (California, USA) received travel grants. Student travel grants and travel grants for scientists from countries with limited financial resources are generously sponsored by the Barringer Crater Company, the Planetary Studies Foundation, NASA, the Meteoritical Society Endowment Fund, the International Mineral Collectors Association (Brian Mason Award), the National Institute for Polar Research (NIPR)/Japan Polar Research Association (JPRA), and the Japan Aerospace Exploration Agency (JAXA)/Institute of Space and Astronautical Science (ISAS). On behalf of the students and researchers, we thank all these institutions and organizations for their generosity. Persons who received specific grants or awards are noted below:

Meteoritical Society Endowment Fund

POST-DOCTORAL AWARD

Edivaldo Dos Santos (Centro Brasileiro de Pesquisas Físicas, Rio De Janeiro, Brazil)
 Noriyuki Kawasaki (Hokkaido University, Japan)
 Agata Krzesinska (Polish Academy of Sciences, Poland)
 Millarca Valenzuela (Pontificia Universidad Católica De Chile, Chile)
 Mehmet Yesiltas (State University of New York at Stonybrook, USA)

LOW-INCOME COUNTRY AWARD

Houda El Kerni (Hassan II University, Morocco)
 S. V. S. Murty (Physical Research Lab, India)

Barringer Crater Company Fund

Natasha Vasiliki Almeida (Natural History Museum, London, UK)
 Moritz Barth (University of Jena, Germany)
 Helene Breton (University of Glasgow, UK)
 Y. Chang (University of Tokyo, Japan)
 Daniel Dunlap (Arizona State University, USA)
 Matthias Ebert (Museum of Natural History – Berlin, Germany)
 Lucy Forman (Curtin University, Australia)
 Cosette Gilmour (University of Alberta, Canada)
 Timothy Hahn (University of Tennessee, USA)
 Christopher Hamann (Museum für Naturkunde Berlin, Germany)
 Sakawat Hossain (Technical University Munich, Germany)
 Christine Jilly-Rehak (University of Hawaii, USA)
 Emily Pringle (Institut de Physique du Globe de Paris, France)
 My Riebe (Eidgenössische Technische Hochschule (ETH) Zürich, Switzerland)
 Ratiba Sahoui (University of Science and Technology Houari Boumediene/
 Mouloud Mammari University of Tizi-Ouzou, Algiers, Algeria)
 Epifanio Vaccaro (Natural History Museum, London, UK)

NASA Award

Carolyn Crow (University of California, Los Angeles, USA)
 Brendan Haas (Washington University in St. Louis, USA)
 Pierre Haenecour (Washington University in St. Louis, USA)
 Romy Hanna (University of Texas, USA)
 Jonathan Lewis (University of New Mexico, USA)
 Josiah Lewis (Washington University in St. Louis, USA)
 Nicole Lunning (University of Tennessee, USA)
 Prajka Mane (Arizona State University, USA)
 Morgan Martinez (University of California, San Diego, USA)
 Christopher Snead (University of California, Los Angeles, USA)
 Michelle Thompson (University of Arizona, USA)
 Reto Trappitsch (University of Chicago, USA)
 Chris Wetteland (University of Tennessee, USA)

NASA Mars Program Award

Jennifer Caseres (California Institute of Technology, USA)

International Meteorite Collectors Association – Brian Mason Award

Ellen Crapster-Pregont (Columbia University/American Museum of Natural History, USA)

Planetary Studies Foundation

Emilie Dunham (Arizona State University, USA)
 Steven Jaret (State University of New York at Stonybrook, USA)

NIPR/JPRA Award

Junko Isa (University of California, Los Angeles, USA)
 Atsushi Takenouchi (University of Tokyo, Japan)

JAXA/ISAS Award

Sayuri Yamashita (Tohoku University, Japan)
 Daiki Yamamoto (Hokudai University, Japan)

International Meteorite Collectors Association: Brian Mason Award

In 1997, Joel Schiff, the first editor of the popular *Meteorite* magazine, created a travel award in honor of Brian Mason, who was born in New Zealand but spent the majority of his career as a curator at the Smithsonian Institution. The award is given to a student attending the annual meeting of the Meteoritical Society who submits an abstract that clearly explains some exciting results that are of particular interest to readers of *Meteorite* magazine. The recipient is required to write a popular account of their work for the magazine. Since 2008, the award has been generously funded by the International Meteorite Collectors Association.



This year the Program Committee for the Berkeley (California) meeting selected **Ellen Crapster-Pregont** to win the Brian Mason Award. Ellen is a graduate student at Columbia University. She submitted an abstract entitled “Insights on Chondrule Formation from Electron Backscattered Diffraction of Chondrule Metal Layers in Acfer 139 (CR2).” The full author list was E J Crapster-Pregont, W H Towbin, and D S Ebel.

CALL FOR AWARD NOMINATIONS

Please consider nominating a colleague for one of the Society’s awards. Nominations should be sent to Secretary Mike Weisberg (metsocsec@gmail.com) by 15 January (31 January for the Service Award and for the Paul Pellas–Graham Ryder Award). For more information and details on how to submit a nomination for any of these awards, please see the latest newsletter at the society website or email the secretary.

The society gives a number awards each year. The **Leonard Medal** honors outstanding contributions to the science of meteoritics and closely allied fields. The **Barringer Medal and Award** recognize outstanding work in the field of impact cratering and/or work that has led to a better understanding of impact phenomena. The **Nier Prize** recognizes outstanding research in meteoritics and closely allied fields by young scientists (under 35). The **Service Award** honors members who have advanced the goals of the Meteoritical Society to promote research and education in meteoritics and planetary science in ways other than by conducting scientific research. The **Paul Pellas – Graham Ryder Award** is given for the best student paper in planetary science and is awarded jointly by the Meteoritical Society and the Planetary Geology Division of the Geological Society of America.