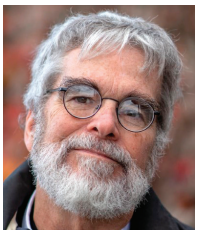
Meteoritical Society

http://meteoriticalsociety.org

2025 INCOMING PRESIDENT ADDRESS



More than half a century ago, I was a lackluster history undergraduate at a certain college outside Boston, spending my free weekends hanging out with my high school buddy at MIT. The attraction (besides my good friend) was MIT's world-class science fiction (SF) library. On a whim, I applied to transfer to MIT, choosing "Earth and Planetary Science" as my proposed major. After all, planets were the settings of my favorite SF stories.

That summer, I received two shocks. First, MIT accepted me. Second, I had just joined the geology department.

Geology? Rocks? I was going to spend four years looking at rocks? Really?

Well, it got me close to my favorite SF books. And actually, I was doing a pretty good job of drumming up some enthusiasm for the topic. Then I took John Lewis's course on meteorites.

Rocks that fall from the sky! Bits of outer space you could hold in your hand! It didn't hurt that John was an incredibly charismatic professor. I would wake up Tuesdays and Thursday excited that I got to go to meteorites that day.

I did a thesis on models of icy moons made of half water ice and half meteoritic materials. I then joined the brand-new Department of Planetary Sciences at the University of Arizona, modeling the evolution of basaltic meteorites with Mike Drake. Mike brought me to my first MetSoc meeting, at Lehigh University, USA, in 1976. (I was Mike's first PhD student, although I eventually switched to a different project and professor, Randy Jokipii.)

My postdoctoral fellowship with Al Cameron at Harvard was playing mathematical tricks with the isotopic anomalies in the FUN inclusions of Allende. And I had a little paper in *Science* suggesting that the newly discovered volcanic plumes on Io were sulfurous, guessing that Io's starting composition might have been hydrated carbonaceous chondrite material. Modeling moons made up most of my second post-doc with Sean Solomon at MIT.

But other adventures in life took their toll. When I turned thirty, I quit science to join the U.S. Peace Corps... only to be assigned to teach astrophysics at the University of Nairobi, Kenya. I fell in love with teaching, and on my return to the U.S., I taught at a lovely little school in Pennsylvania, Lafayette College. It then occurred to me that if I joined the Jesuit religious order, I could combine my love of doing good (see, Peace Corps) with the Jesuits' small college teaching opportunities (see, that school in Boston where I once studied history).

But, like the Peace Corps, the Jesuits wouldn't let me escape from science so easily. In 1993, I was assigned to the Vatican Observatory in Rome, with the task—as per the instructions of its director, George Coyne—to "do good science."

But what science to do? Well, the Vatican Observatory has a collection of over a thousand meteorites. I remembered from my thesis days that there was a serious dearth of basic data on meteorite density, porosity, and thermal properties—and I remembered how much fun meteorites really were.

My funding did not depend on following any particular program or even getting results right away. (Good thing... it's taken years to perfect our systems for measuring meteorite physical properties.) I could have gone back to other research programs... icy moons, zodiacal dust. But I kept being drawn back to meteorites not only because the science was fascinating, but also because I just really enjoyed the people I'd met through the MetSoc.

I started going to MetSoc meetings again. In Prague, Ralph Harvey recruited me for the 1996 Antarctic Search for Meteorites Program. In 2001, I even hosted the MetSoc Meeting in Rome (during the week of 9/11 no less) and I served on the MetSoc council during the following years. So when I was asked to serve as MetSoc president, I was delighted to oblige.

I take up this position for all the wonderful people in our field... especially the current members of Council; the folks who do all the invaluable work of classifying new samples; the members of the dozens of other committees and tasks of the Society. I give a special tip of the hat to Nancy Chabot, the outgoing president, who's set a high standard for me to follow. (I believe she was Mike Drake's last grad student, by the way.)

And I look forward to serving all the current members of the society... sharing our love of holding bits of outer space, and hearing the stories of their adventures.

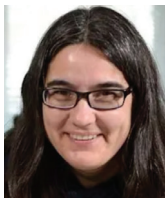
Guy Consolmagno SJ
Director, Vatican Observatory

OFFICERS AND COUNCIL MEMBERS

The Meteoritical Society will consist of a number of new officers this year. Guy Consolmagno (Vatican Observatory, Vatican City State, see citation above) will be transitioning from Vice President to President, and Maria Schönbächler, ETH Zürich, Switzerland) will be the incoming Vice President. Jutta Zipfel (Senckenberg Naturmuseum and Forschungsinstitut, Germany) will continue to serve as our Secretary, and Cari Corrigan (Smithsonian Institution, USA) will begin to serve as our Treasurer. Nancy Chabot (Johns Hopkins Applied Physics Lab, USA) will continue to serve in her new capacity as Past-President. We thank this new slate of officers in advance for their efforts to lead the Meteoritical Society through the next two years.



Maria Schoenbachler



Jutta Zipfel



Cari Corrigan



Nancy Chabot

The Meteoritical Society Council for 2025–2026 will consist of Byeon-Gak Choi (Seoul National University, South Korea), Alvaro Crosta (State University of Campinas, Brazil), Elena Dobrică (University of Hawaii USA), Juliane Gross (NASA Johnson Space Center, USA), Marina Ivanova (Vernadsky Institute, Russia), Yangting Lin (Chinese Academy of Science, China), Yves Marrocchi (Centre de Recherches Pétrographiques et Géochimiques, France), and Gordon Osinski (University of Western Ontario, Canada).

We would like to take this opportunity to sincerely thank Brigitte Zanda who is rotating off of council after six years as an officer (as Vice President, President, and Past President); Tasha Dunn, who is rotating off of the council after six years as the society's Treasurer; and Henner Busemann, Sarah Crowther, Denton Ebel, and Ann Nguyen, who are rotating off as councilors, for their years of dedicated service to keeping the Meteoritical Society operating smoothly!

Finally, Cari Corrigan will rotate off as *Elements* Meteoritical Society News Editor after 12 years to begin serving as Treasurer. Emma Bullock (Carnegie Institution, Washington DC, USA) will be the new Society News Editor.

NEW SOCIETY FELLOWS ANNOUNCED

We are delighted to announce the individuals who have been elected to the 2024 class of Meteoritical Society Fellows! Fellow nominations are submitted by members, and the Leonard Medal Committee then reviews those nominations and makes a recommendation to Council for the slate of individuals to be awarded as Fellows. Meteoritical Society Fellows are elected by Council in even-numbered years, and no more than 1% of the membership can be elected for each class. The 2024 Meteoritical Society Fellows are Martin Bizzarro (University of Copenhagen, Denmark), Vinciane Debaille (FNRS–Université libre de Bruxelles, Belgium), Luigi Folco (University of Pisa, Italy), Daniel Glavin (NASA GSFC, USA), Philipp Heck (Field Museum, USA), Peter Jenniskens (SETI Institute, USA), Katherine Joy (University of Manchester, UK), Chi Ma (Caltech, USA), Yves Marrocchi (CRPG-CNRS, France), Ryuji Okazaki (Kyushu University, Japan), and Hikaru Yabuta (Hiroshima University, Japan).


Martin Bizzarro


Vincianne Debaille


Luigi Folco


Daniel Glavin

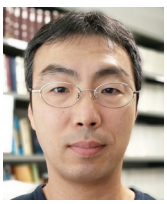

Philipp Heck


Peter Jenniskens


Katherine Joy


Chi Ma


Yves Marrocchi


Ryuji Okazaki


Hikaru Yabuta

RENEW YOUR MEMBERSHIP NOW!

Please renew by 31 March 2025; after that date, a $15 late fee will be assessed. You can easily renew online at https://meteoritical.org/news/renew-your-2025-membership-now. Remember, we now offer discounted membership rates for students and early career members (anyone who is within 10 years of completing their PhD). Student memberships are only $10 and early career memberships are $40.

STUDENT AWARD WINNERS FROM THE 2024 MEETING IN BRUSSELS, BELGIUM

The GORDON MCKAY AWARD is given each year to the student who gives the best oral presentation at the annual meeting of the society. The award honors the memory of Gordon A. McKay and is supported by the McKay Fund, which was established in 2008 as a part of the Meteoritical Society's endowment. The McKay Awards for the 86th Annual Meeting of the Meteoritical Society in Brussels go to Daniel Sheikh (Portland State University, Oregon, USA) and Leah Shteynman (Arizona State University, USA). The award comes with a prize of US $1,000 and a certificate.


Daniel Sheikh


Leah Shteynman

The WILEY-BLACKWELL AWARD is presented for outstanding presentations by students at the annual meeting of the society. Wiley-Blackwell are the publishers of Meteoritics and Planetary Science and, for the 86th meeting in Brussels, they sponsored five awards of US$500 each. The winners for 2024 are Sian Boultby (Royal Holloway, University of London, UK), Shiori Inada (University of Tokyo, Japan), Moshammat Mijjum (Purdue University, USA), Anna Musolino (Aix Marseille University, France), and Anna Zappatini (University of Bern, Switzerland).


Sian Boulty


Shiori Inada


Moshammat Mijjum


Anna Musolino


Anna Zappatini

THE BARRINGER FAMILY FUND FOR METEORITE IMPACT RESEARCH

The Barringer Crater Company has established a special fund to support field work by eligible students interested in the study of impact cratering processes. The Barringer Family Fund for Meteorite Impact Research provides a number of competitive grants in the range of $2,500 to $5,000 for support of field research at known or suspected impact sites worldwide. Grant funds may be used to assist with travel and subsistence costs, as well as laboratory and computer analysis of research samples and findings. Masters, doctoral, and post-doctoral students enrolled in formal university programs are eligible. Applications to the fund are due by 11 April 2025, with notification of grant awards by 13 June 2025. Additional details about the fund and its application process can be found at: http:/www.lpi.usra.edu/science/kring/Awards/Barringer_Fund.

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THANKS TO OUR SOCIETY'S 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. Without the generous help of these members, the MetSoc could not function. We greatly appreciate their help!

Officers and Council

Elected Officers and Councilors of the Society

Guy Consolmagno	**President**
Maria Schönbächler	**Vice-President**
Nancy Chabot	**Past-President**
Jutta Zipfel	**Secretary**
Cari Corrigan	**Treasurer**
Tasha Dunn	**Deputy Treasurer**
Byeon-Gak Choi	Councilor
Alvaro Crósta	Councilor
Elena Dobrică	Councilor
Juliane Gross	Councilor
Marina Ivanova	Councilor
Yangting Lin	Councilor
Yves Marrocchi	Councilor
Gordon Osinski	Councilor

Editorial Personnel

The editors of the Society's publications

Timothy Jull	Editor of *Meteoritics and Planetary Science* (2028)
Hailiang Dong	Executive Editor of *Geochimica et Cosmochimica Acta* (2029)
Emma Bullock	Editor of the Meteoritical Society contributions to *Elements* (2027)

Ethics Committee

Addresses ethics complaints brought to the attention of the Society, following guidelines laid out in the Code of Ethics

Trevor Ireland	2025
Nancy Chabot (Chair)	**2026**
Rhonda Stroud	2027

Leonard Medal Committee

Recommends candidates for the Leonard Medal, Nier Prize, and election of Fellows

Alexander N. Krot	2025
Larry R. Nittler (Chair)	**2026**
Audrey Bouvier	2027
Gretchen Benedix	2028
Takashi Mikouchi	2029

Barringer Award Committee

Recommends candidates for the Barringer Award for outstanding work in the field of impact cratering

Ludovic Ferrière (Chair)	**2025**
Hasnaa Chennaoui Aoudjehane	2026
Gareth Collins	2027
Luigi Folco	2028

Publications Committee

Oversight for the Society's journal *Meteoritics and Planetary Science*

Wataru Fujiya	2025
Rhiannon Mayne (Chair)	**2026**
Daniel Glavin	2026
John Spray	2026
Agata Krzesinska	2027
Martin Suttle	2027

Ex officio member: the Society Treasurer, Cari Corrigan

Joint Publications Committee

Oversight of the journal *Geochimica et Cosmochimica Acta*

Conel Alexander (MS)	2025
Matthew Fantle (GS)	2025
Juan Liu (GS)	2026
Shogo Tachibana (MS) (Chair)	**2026**
Phillippe Claeys (GS)	2027
Yang Liu (MS)	2027

Endowment Committee

Oversees the Society's investment fund

Rhian Jones (Chair)	**2025**
Candace Kohl	2025
Jennie Wadsworth	2026
Tasha Dunn	2026
Dennis Harries	2027

Ex officio member: Treasurer of the Meteoritical Society, Cari Corrigan

Audit Committee

Produces an audit of the Treasurer's annual report for each fiscal year

Dominik Hezel (Chair)	**2025**
Katherine Bermingham	2026
Ming-Chang Liu	2027

Nomenclature Committee

Defines guidelines for the naming of meteorites, and approves new names; publication of the Meteoritical Bulletin and the Meteoritical Bulletin Database.

Devin Schrader	Deputy Editor (2025)
Camille Cartier	2025
Bidong Zhang	2025
Cyrena Goodrich	2026
Ansgar Greshake	2026
Juliane Gross	2026
Michael Weisberg (Chair)	**2027**
Jon Friedrich	2027
Katherine Joy	2027
Hikaru Yabuta	2027

Ex officio members: Vice-President of the Society (Maria Schönbächler) and the Editors of the Meteoritical Bulletin (Jerome Gattacceca) and the Meteoritical Bulletin Database (Jeff Grossman).

Regional Consultants

Regional Consultants, who are familiar with the geography, language, and culture of regions, help the Nomenclature Committee to determine appropriate meteorite names, including names for dense collection regions.

Djelloul Belhai	Regional consultant for Algeria, Libya, and Mali
Elycheikh Naviée	Regional consultant for Mauritania
Hasnaa Chennaoui	Regional consultant for Morocco and Western Sahara
Bingkui Miao	Regional consultant for China

Pellas-Ryder Award Committee

Recommends candidates for the Pellas-Ryder Award for the Best Student Paper in Planetary Sciences

Ashley King (MS) (Chair)	**2025**
Jen Piatek (GSA)	2025
Jim Karner (MS)	2026
Lauren Jozwiak (GSA)	2026
Alex Morgan (GSA)	2027
Christian Vollmer (MS)	2027

Nominating Committee

Nominates Society's officers and councilors

The 2025–2026 Committee will be announced by 1 April, 2025.

Membership Committee

Recruit and retain members; advise the Council on membership issues and the Service Award recipient

Romy Hanna (Chair)	**2025**
Queenie Chan	2025
Juliette Faucher	2025
Michelle Thompson	2025
Maizey Benner	2026
Tomohiro Usui	2026
Kai Wünnemann	2026
Laura Noel Garcia	2027
Richard Greenwood	Ed Scott Lectures Lead (2027)

McKay Award Committee

Nominates candidates for the best student presentation at the annual meeting

The committee for the 2025 Meeting will be decided by April 1st, 2025.

Jessberger Award Committee

Recommends candidates of outstanding mid-career femal isotope geochemists for the Jessberger Award

Noriko Kita	2025
Sara Russell	2025
Larry Nittler	Leonard Medal Committee liaison (2026)
Thomas Stephan (Chair)	**2027**
Monica Grady	2029

Impact Cratering Committee

Defining criteria for the identification of impact craters/structures; pubilcation of a terrestrial impact crater database

Aaron Cavosie (Chair)	**2025**
David Baratoux	2025
Anne-Marie Pickersgill	2025
Sanna Alwmark	2026
Thomas Kenkmann	2026
Natalia Hauser	2027
Christian Koeberl	2027
Steven Goderis	2027

Ex officio members: Maria Schönbächler (Vice-President) and Ludovic Ferrière (Database-Editor, 2026)

Outreach ad hoc Committee

Publicizes the Society's content to the broader scientific community

Dustin Dickens	2025
Ania Losiak	2025
Natasha Stephen (Chair)	**2026**
Dara Laczniak	2026
Kim Tait	2027

INTERNATIONAL CONFERENCE ON "METEOROID, METEOR AND METEORITES: MESSENGERS FROM SPACE: (METMESS) 2024"

The Physical Research Laboratory (PRL), Ahmedabad (India), hosted the International Conference on "Meteoroids, Meteorites, and Messengers from Space" (MetMeSS-2024) on 20–22 November 2024. This in-person gathering convened international experts to present and discuss recent advancements in meteoritic and planetary science. The conference encompassed a broad spectrum of research areas, including meteor phenomena and space weathering, extraterrestrial organic molecules in the interstellar medium and meteorites, surface and subsurface processes on terrestrial planets and small bodies, astrochemistry, astrobiology, and terrestrial analogues. Notably, the conference addressed the increasing importance of laboratory analyses of planetary materials, particularly in the context of upcoming sample return missions such as the proposed Chandrayaan-4 lunar mission.

MetMeSS-2024 served as a vital platform for fostering interest and creating opportunities for emerging researchers in meteoritics. Approximately 90 scientific papers were presented at the conference, which was attended by 140 participants from diverse fields within planetary science. Several students received young researcher awards in recognition of their scientific research.

The Committee on Space Research (COSPAR), The Meteoritical Society (MetSoc), the Department of Science and Technology (DST), Ministry of Science and Technology, Govt. of India, and Indian Planetary Science Association (IPSA) supported the conference by providing funding to students and early career researchers. This work was supported by a Meteoritical Society Community Grant. Visit the Grants webpage for more information on other funded Meteoritical Society Endowment Grant efforts. For more information about the report submitted by Kuljeet Kaur Marhas, please go to: https://meteoritical.org/news/community-grant-report-international-conference-meteoroid-meteor-and-meteorites-messengers-space-metmess-2024.

FIRST METEORITICAL SOCIETY BOOTH AT AGU



For the first time, the Meteoritical Society hosted an exhibit booth at the 2024 American Geophysical Union (AGU) meeting in Washington DC, USA. Organized by Thomas Burbine and staffed by society members and friends, including Imene Kerraouch, Kevin McKeegan, Larry Nittler, Nancy Chabot, Cal Powell, Dara Laczniak, Debra Buczkowski, and Natasha Stephen, the booth aimed to promote the society and highlight the benefits of membership. Visitors engaged with experts in meteoritics, discussing cutting-edge planetary science research and career opportunities. A major highlight was the opportunity to examine real meteorites, brought by Cal and Debra, sparking curiosity among attendees. The booth successfully fostered connections among both new and long-standing members, increasing engagement with the meteoritical community. By providing a dynamic space for discussions and outreach, the booth reinforced the importance of meteoritics in geosciences and planetary research, making it a resounding success at AGU 2024.

IN MEMORIAM – HORTON ELWOOD NEWSOM



Horton Elwood Newsom was killed in a car accident in Albuquerque, NM, USA, on April 19, 2024. Hort was widely known and respected in our community for his work in experimental and analytical geochemistry, impact cratering, and his active participation in spacecraft missions at Mars.

Horton received his BA in geology from University of California Berkeley (USA) in 1974, and his MS and PhD in geosciences in 1982 from the University of Arizona (USA). He studied the Bencubbin meteorite for his master's thesis, while his PhD dissertation focused on experimental geochemistry of siderophile elements and their implications for understanding core formation in differentiated planetary bodies. In parallel with these investigations, Hort also studied impact cratering with an emphasis on alteration of impact melts.

After graduation from Arizona, Hort took up a post-doc position at the Max-Planck-Institut für Kosmochemie in Mainz, Germany. This was followed by a position as a research scientist at the Institute for Meteoritics at the University of New Mexico (Albuquerque, USA), where he settled and stayed throughout his career. Highlights of this time include studies on the Lunar impact crater (India), and participation in the Origin of the Moon conference and book (1986). Hort conceived the Origin of the Earth conference (1988), for which he was lead editor of the conference's 1990 publication. Hort helped map and interpret the chemistry of Mars' surface as part of the science team for the Mars Global Surveyor orbiter mission (1999–2006), and he was a member of the science teams for the Mars Exploration Rover Missions (2004–2019), and the Mars Science Laboratory's Curiosity rover (2014–present). He was the author and co-author of numerous papers on topics including impact processes, diagenesis, stratigraphy, and the chemistry of manganese.

Hort is survived by his wife, Joan, and two children Emily and Gary. His cheerful view on life, and his willingness to collaborate, will be missed by all his colleagues and friends. The full obituary for Horton Newsom is available at the Meteoritical Society website: https://meteoritical.org/news/horton-e-newsom-1952-2024.

ANNUAL MEETING SCHEDULE

2025	13–18 July	Perth, Western Australia (Australia)
2026	9–14 August	Frankfurt (Germany)
2027	July 26–30	Flagstaff, Arizona (USA)
2028	July 30–August 4 (tentative dates)	Antofagasta (Chile)

RENEW YOUR MEMBERSHIP NOW!

Don't forget to renew your society membership! Student membership is $10, Early Career $40, Retired $40, and Standard $80. There are also options for individuals from developing countries and for Lifetime membership. You can renew online at https://meteoritical.org/membership/join. There you can also choose whether you wish to receive your journals in print, online only, or both.

Meteoritical Society

http://meteoriticalsociety.org

REPORT OF THE METEORITE NOMENCLATURE COMMITTEE



Michael K. Weisberg

I took over as Chair of the Meteorite Nomenclature Committee (NomCom) of The Meteoritical Society in January. It has been more than 15 years since I last served on the NomCom, as editor of the *Meteoritical Bulletin* (*MB*), and I am pleasantly surprised to see how more efficiently the Committee is currently operating. This is important considering the high rate of new meteorites submitted to the NomCom each year. The success of the NomCom is due to the dedication of Jeff Grossman as the Meteoritical Bulletin Database (MBDB) Editor, Jerome Gattacceca as Editor of the *MB*, and all the members of the NomCom who donate their time to ensure that meteorite and dense collection areas (DCAs) are given appropriate names and that collection histories and classification information are correctly entered. I also want to acknowledge all of the meteorite collectors, classifiers, and repository curators. Their efforts grow the number of new and interesting meteorites, benefiting the scientific community.

The online MBDB is a valuable resource for the planetary materials community. It is a searchable electronic resource that contains information about all known meteorites, and mirrors the information on new meteorites published in *The Meteoritical Bulletin*. The MBDB is edited by Jeff Grossman. Working with colleagues at the Lunar Planetary Institute (LPI), the database is currently being moved to a new, more secure web platform at the LPI. The new database is projected to be operational by the end of this year.

NomCom is currently composed of ten appointed members: Michael Weisberg (Chair; City University of New York, USA), Camille Cartier (Université de Lorraine, France), Cyrena Goodrich (Lunar and Planetary Institute, USA), Ansgar Greshake (Deputy Editor, Museum für Naturkunde Berlin, Germany), Juliane Gross (NASA Johnson Space Center, USA), Katherine Joy (The University of Manchester, UK), Jon Friedrich (Fordham University, USA), Devin Schrader (NASA Johnson Space Center, USA), Bidong Zhang (Rice University, USA), and Hikaru Yabuta, (Hiroshima University, Japan); and three ex-officio NomCom members: Jérôme Gattacceca (*MetBull* Editor; CEREGE, France), Jeff Grossman (Database Editor), and Maria Schönbächler (MetSoc Vice President; ETH Zurich, Switzerland).

According to the bylaws of The Meteoritical Society, "The Meteorite Nomenclature Committee shall be responsible for establishing guidelines for the naming of meteorites, for the approval of new names [including naming of meteorite dense collection areas], for decisions regarding pairing or separation of meteorites previously named, and for dissemination of this information in the *Meteoritical Bulletin* and the Meteoritical Bulletin Database" (https://www.lpi.usra.edu/meteor/).

As of this writing, there are 77,301 valid meteorite names listed in the Meteoritical Bulletin Database, including 16,833 with a full classification writeup.

New Meteorites and Dense Collection Areas

The NomCom continues to receive a high rate of new meteorite submissions each year. Since the last report, the 2487 meteorites (including 1916 non-Antarctic meteorites) approved in 2023, and entered in the MBDB, have been published in *MB* no. 112 by Gattacceca et al. (2024). Full write-ups of the non-Antarctic meteorites and supporting information and supplementary tables can be found online in the MBDB. The *MB* no. 112 includes 14 approved falls as well as 33 newly approved DCAs. *MB* no. 113, containing 3635 meteorites and 74 DCAs approved in 2024, is in preparation and will be submitted later this year to *Meteoritics & Planetary Science*. All of these meteorites and their historical and classification information are currently entered in the online MBDB.

Meteorite Submissions

Please remember to send your write-ups for new and provisional names to NomCom at least four weeks before submitting your conference abstracts or manuscripts to journals to avoid potential issues with naming and classification, which can delay publication. The release of the write-up to the database may be held on request if there is an embargo from publishers.

Finally, please feel free to contact us with any questions or concerns about the NomCom, or if you have any suggestions for improvement.

Michael K. Weisberg
Chair of the Nomenclature Committee
Kingsborough Community College and Graduate Center
City University of New York

REFERENCE

Gattacceca J and 11 coauthors (2024) The Meteoritical Bulletin, no. 112. Meteoritics & Planetary Science 59: 1820-1823, doi: 10.1111/maps.14181

NINE NEW ENDOWMENT GRANTS AWARDED

The Meteoritical Society Endowment Fund supports a variety of activities through grants that advance the goals of the society, with selections made twice a year. The recently selected grant efforts are:

Community Grants
More details on the Meteoritical Society website

Terik Daly *(Johns Hopkins University Applied Physics Laboratory, USA)* – Student travel funding: 9th Planetary Defense Conference, South Africa

Anthony Pelaez *(Meteor Crater Education Alliance, USA)* – Crater Quest: Inspiring Adventures at Meteor Crater

Marian Sapah *(University of Ghana, Ghana)* – The 5th Edition of the Arab and Africa Impact Cratering And Astrogeology Conference (AICAC V)

Robyn Symons *(University of the Witwatersrand, South Africa)* – The Nqweba Meteorite: A Fireball That Captured the Curiosity of a Nation

Research Grants
More details on the Meteoritical Society website

Nicola Allen *(ETH Zürich, Switzerland)* – Unlocking the origins and histories of interplanetary dust particles

Daniel Burgin *(Curtin University, Australia)* – Ni-rich meteorites as samples of oxidised planetary cores

Stephanie Halwa *(The University of Manchester, UK)* – Investigating solar wind implantation and volatile-budget of highland-derived lunar impact glasses

Tanja Michalik *(Museum für Naturkunde, LIEB, Germany)* – Identifying ejecta and impactor material through reflectance spectroscopy – A case study with Monturaqui crater in Chile

Myrto Simopoulou *(Agricultural University of Athens, Greece)* – Study of shock feature distribution in ordinary chondrites and hydrocode modelling at mesoscale

The next application deadline will be **June 15, 2025**. Details about scope, eligibility, funding and the application form can be found on the website at https://meteoritical.org/endowment/general-endowment-fund.

GIFTS AND GRANTS GUIDELINES

The stated mission of the Meteoritical Society is "*to promote research and education in planetary science with emphasis on studies of meteorites and other extraterrestrial materials that further our understanding of the origin and history of the solar system.*" Besides the Society's publications, the annual scientific meetings, establishing official names for newly found meteorites, and the awards sponsored by the Society, there are other ways by which we work toward furthering our mission. This includes supporting student travel to conferences and workshops, supporting student research, assisting scientists from economically disadvantaged countries, supporting classes or field schools, especially those that bring meteoritics and planetary science to developing countries, compiling oral histories from prominent members of the Society, and supporting outreach to the broader public community on meteoritics and planetary science.

To support these activities, the Society has created an Endowment Fund. The majority of the Endowment consists of the *General Fund* which can support one-time activities that are not part of the normal Society business. The Endowment Fund also has named funds; the *Nier Fund*, the *McKay Fund*, the *Jessberger Award Fund*, the *O. Richard Norton Fund*, and the *TIM Fund*, which were established for specific purposes. Details about activities supported by all of these Funds can be found on the Individual Endowment Funds page (https://meteoritical.org/endowment/individual-endowment-funds).

For those who wish to assist in this mission, donations can be made to the General Fund or to any of the specific Funds (see Ways to Contribute on the society website: https://meteoritical.org/endowment/gifts-and-contributions).

ED SCOTT LECTURE SERIES

There are two new lectures available from the Ed Scott Lecture Series: one by **Motoo Ito** entitled "*Exploring Ryugu: Key Discoveries from Asteroid Samples returned by Hayabusa2*," and the second by **Christoph Burkhardt** entitled "*Solar System Genealogy based on Isotope Anomalies in Meteorites.*" They can be found under the Society pages on the MetSoc website (https://meteoritical.org/society/ed-scott-lecture-series).

ANNUAL MEETING SCHEDULE

2025	July 14–18, Perth, WA (Australia)
2026	August 9–14, Frankfurt, Germany (EU)
2027	July 26–30, Flagstaff, USA (hosted by ASU)
2028	(90th Annual Meeting) July 30 – August 4 (tentative dates), Antofagasta, Chile

From an Idea to a Published Issue

Elements

Every year, *Elements* publishes six thematic issues on subjects related to the general disciplines of mineralogy, geochemistry, and petrology. The editorial team looks for topics that

- are broadly related to mineralogy, geochemistry, and petrology
- are interdisciplinary
- represent established but progressing fields
- would be of interest to a broad cross section of readers
- have not been adequately represented by *Elements* before or have advanced considerably since the topic was previously covered

Each proposal is carefully evaluated by our editorial team for thematic scope, content, and authorship. Feedback is then provided to the proposers.

Once a proposal is accepted and included in the *Elements* lineup, the fun really begins! Over the subsequent 15–20 months, timelines and deadlines are set, authors are invited by the guest editors to write articles, and articles go through several stages of review (by external reviewers, by the guest and principal editors, and by the *Elements* editorial team). At the end of this process, the issue goes to press and is shipped to our over 16,000 readers.

The journey from an idea to a published magazine involves many steps. The goal? A lineup of well-written thematic issues that readily conveys the exciting aspects of mineralogy, petrology, and geochemistry to specialists and non-specialists alike.



Call for Thematic Proposals

Would you like to read about a certain topic in *Elements*?
Do you think your research area would make a great thematic issue?
Submit a thematic proposal!

Elements has two annual submission deadlines each year: **March 25** and **September 25**.

For more information, visit:
http://elementsmagazine.org/publish-in-elements/

We look forward to receiving your proposal!

Meteoritical Society

http://meteoriticalsociety.org

2025 METEORITICAL SOCIETY TREASURER'S REPORT



Cari Corrigan

As of January, 2025, I became the Society's Treasurer. The transition into this daunting position has been relatively seamless thanks to the thoughtful and meticulous actions and record keeping by our past Treasurer, Tasha Dunn. We owe Tasha a debt of gratitude for her six years of service to the Society. She is a star—thank you Tasha!

The Society's finances continue to be on a sound footing, and both the Operating Fund and our Investment Fund are currently very healthy. A full report of our finances will be presented at the annual meeting in Perth.

As reported in the 2024 Treasurer's Report, at the recommendation of the Endowment committee, Council voted to support a more sustainable investment strategy. This new fund was opened in January of 2024. As a result of the excellent performance of this fund, the Endowment committee recommended a further transfer of $300,000 into the Blackrock ESG fund. Council voted to approve this transfer in February of this year, and the funds were transferred in March. As of May 31st, 2025, the balance of the Blackrock Investment account was $546,636. The Endowment Committee will assess the performance of the fund every quarter, and if the fund continues to perform well, an additional allotment of $200,000 will be transferred from the primary investment fund into the Blackrock ESG fund in increments later this year. The Society's goal is to invest as much of our money as ethically as possible over time.

The general investment fund sits at $2,027,000. The investment fund is distributed across six endowed funds. The Nier, McKay, and Jessberger Funds support our named awards. The TIM Fund and the Norton Fund support members travel to the annual meeting. The largest fund is the General Endowment Fund, which supports a variety of outreach projects, research grants, and early career travel to annual meetings.

The Endowment Committee is responsible for allocating funds in the General Endowment Fund. The Society's Bylaws state that 5% of the general endowment's value can be allocated for spending each year. In fiscal year (FY)25, the Endowment Committee began to allocate 4% of the General Endowment for grants and 1% for Early Career travel awards. In FY26, this amounts to ~$76,000 and ~$19,100, respectively.

Requests for funding from the general endowment are considered twice annually, on January 15th and June 15th. **Community Fund Grants (formerly Endowment Fund Grants)**, which are open to all members to support activities that further the goals of the Meteoritical Society, and **Research Grants** (open to students and early-career researchers) support collaborative research in the fields of meteoritics and planetary science. More information about these grants can be found on the website: https://meteoritical.org/endowment/general-endowment-fund. Please see the website for a list of recently funded grants: https://meteoritical.org/news/four-new-community-grants-funded.

Proposals for community fund grants or research grants should be emailed to the secretary (metsocsecretary@gmail.com). If you have any questions, please contact the chair of the Endowment Committee, Rhian Jones (rhian.jones-2@manchester.ac.uk).

2025 MEMBERSHIP REPORT

Membership in the Meteoritical Society is open to any person interested in meteoritics and related sciences regardless of residence, citizenship or age. As of May 2025, the Meteoritical Society comprises 439 regular members, 153 students, 133 early career members, 215 retired members, 65 life members, and 12 members from developing countries. This brings us to a grand total of 1017 members in 57 countries, an increase of 102 members since 2022. To encourage students and early career researchers to join the Society, in 2023, we implemented a new fee structure: **Early career memberships are only $40** (which we define as anyone who is within 10 years of completing their PhD) and **student memberships have been reduced to only $10 USD.**

Country	Early Career	Lifetime	Low-income Country	Retired	Standard	Student	Total
Algeria	0	0	2	0	0	0	2
Argentina	2	0	0	1	0	0	3
Australia	6	0	0	6	14	11	37
Austria	0	1	0	1	5	0	7
Belgium	4	0	0	1	4	0	9
Brazil	0	0	0	1	2	2	5
Canada	2	3	0	11	13	7	36
Chile	2	0	0	0	3	5	10
China	6	5	2	2	8	4	27
Colombia	0	0	1	0	0	1	2
Costa Rica	0	0	0	0	1	0	1
Cyprus	0	0	0	0	0	1	1
Czechia	0	0	0	0	2	2	4
Ivory Coast	0	0	0	0	0	1	1
Denmark	2	1	0	2	1	0	6
Finland	3	0	0	0	3	0	6
France	6	5	0	11	14	3	39
Germany	10	9	0	18	37	7	81
Ghana	0	0	1	0	0	0	1
Greece	0	0	0	0	0	2	2
Guatemala	0	0	0	1	0	0	1
Holy See	0	0	0	0	2	0	2
Hong Kong	0	0	0	0	1	0	1
Hungary	0	1	0	0	3	0	4
India	0	0	3	1	3	9	16
Ireland	0	0	0	1	0	0	1
Italy	3	0	0	4	6	1	14
Japan	12	0	0	8	59	15	94
Korea (the Republic of)	0	0	0	0	3	0	3
Latvia	0	0	0	0	0	1	1
Lithuania	0	0	0	0	1	0	1
Luxembourg	0	0	0	2	1	0	3
Malaysia	0	0	0	0	1	1	2
Mexico	0	1	0	1	0	0	2
Morocco	0	1	1	0	1	1	4
Netherlands	0	0	0	0	3	1	4
Nigeria	1	0	0	0	0	0	1
Norway	2	0	0	0	0	0	2
Oman	0	0	1	1	0	0	2
Philippines	0	0	0	0	1	0	1
Poland	1	0	0	1	1	0	3
Portugal	0	0	0	1	2	1	4
Romania	1	0	0	0	1	0	2
Russian Federation	1	0	0	0	9	0	10
Singapore	0	0	0	1	1	0	2
Slovakia	0	0	0	0	1	0	1
South Africa	1	0	0	0	3	1	5
Spain	1	0	0	1	11	3	16
Sweden	3	0	0	1	2	3	9
Switzerland	5	1	0	8	9	5	28
Taiwan	0	0	0	0	1	0	1
Tunisia	0	0	0	0	0	1	1
Ukraine	1	0	1	0	0	0	2
United Arab Emirates	1	0	0	0	0	0	1
United Kingdom	15	3	0	7	20	24	69
United States of America	42	34	0	122	185	40	423
Uruguay	0	0	0	0	1	0	1
Totals	**133**	**65**	**12**	**215**	**439**	**153**	**1017**

Student and early career members have the opportunity to apply for small research grants twice a year, as well as for travel grants to the Annual Meeting. Students can also compete for presentation awards at the Annual Meeting. At the 2024 Annual Meeting in Brussels, the Society hosted both a student luncheon and an early career reception, and introduced a mentor/mentee program to help students and early career members connect and network with more senior members during the meeting. Feedback was overwhelmingly positive, and these activities will continue at the 2025 Annual Meeting in Perth. We also continue to subsidize the registration fee for the Meteoritical Society's Annual Meeting for all membership levels. Please encourage your students to join! In addition, the Society does have a mechanism in place to subsidize annual dues for members in low-income countries. Prior approval is required from the Membership Committee for this rate—please refer to our website at http://www.meteoriticalsociety.org for more information.

For those wishing to avoid the hassle of paying dues every year, consider a life membership! For more information and details on how to become a member of the Meteoritical Society, please see our Society web page at https://meteoritical.org/membership/join.

PAUL PELLAS / GRAHAM RYDER AWARD WINNERS FOR 2025

The Pellas-Ryder Award for the best student paper in planetary sciences is jointly sponsored by the Meteoritical Society and the Planetary Geology Division of the Geological Society of America. It is awarded annually to an undergraduate or graduate student who is a first author of the best planetary science paper published in a peer-reviewed scientific journal during the year prior to the award. The award has been given since 2001 and honors the memories of meteoriticist Paul Pellas and lunar scientist Graham Ryder. After reviewing several high-quality papers covering a wide range of areas in planetary science, the selection committee are delighted to announce **Alexander Kling** and **Ian Pamerleau** as joint winners of the 2025 Pellas-Ryder Award.



Alexander, a graduate student and NASA FINESST Fellow at Purdue University, USA, led a paper entitled "Nanoscale reservoirs store solar wind-derived water on the lunar surface." The paper was published in *Earth and Planetary Science Letters* and describes detailed analyses of hydrogen and water in the space-weathered rims of small lunar grains returned by the *Apollo* missions. Using correlated nanoscale observations, the paper shows that hydrogen and water can be trapped in vesicles formed by solar wind irradiation, providing proof of the mechanism to form solar wind–derived water of the Moon. These observations help explain the behavior and long-term storage of solar wind volatiles on the lunar surface.



Ian, who is also a graduate student at Purdue University, led a paper entitled "An ancient and impure frozen ocean on Ceres implied by its ice-rich crust." Published in *Nature Astronomy*, the paper reports a novel modeling approach to solving the mystery of Ceres' internal structure. Unlike previous studies, the model considers the effects of impurities in the ice and demonstrates how Ceres can have both an ice-rich crust and heavily cratered surface, satisfying multiple datasets collected by NASA's *Dawn* mission.

Congratulations to Alexander and Ian for leading these exciting studies that change our understanding of Solar System processes! We would also like to thank everyone who took the time to submit nomination packages and members of the Pellas-Ryder Award committee for their effort reading through the papers.

MEETING INFO

2026	9–14 August	Frankfurt, Germany (EU)
2027	July/August TBD	Flagstaff, Arizona (USA)
2028	July 30–August 4 (tentative)	Antofagasta (Chile)

BEVAN FRENCH, 1937–2025

Bevan French is most widely known for his pioneering work in planetary science and the field of impact cratering. He was one of the early workers on terrestrial impact materials at a time when impacts on the Earth were not considered mainstream—or even possible. Throughout his career, Bevan was a champion for impact science, particularly centered on petrography, and geologic observations at terrestrial craters.



Bevan French at the MetSoc meeting in 2005. Photo: D. Jalufka/C. Koeberl.

Bevan's career in geology included a bachelor's degree from Dartmouth College, a Master's from Caltech, and a PhD from Johns Hopkins in 1964, all in the USA. Bevan started his geological work in metamorphic petrology, and his PhD centered on the stability of siderite and metamorphism of iron formations in the Minnesota iron range. At a geological conference in Minneapolis in the mid-60s, Bevan gave a talk about his thesis work, which attracted a smart lady who was working for an iron-mining company. Two years later, they married. Mary-Hill French became a close partner in editing Bevan's manuscripts and joined in all the travels around the world. Together, they supported young investigators interested in terrestrial impacts until her passing in 2019.

After graduating from Johns Hopkins, Bevan quickly turned toward planetary science and joined NASA Goddard Space Flight Center in 1964, where he continued working on impact cratering. Bevan then joined the *Apollo* lunar exploration program as a co-investigator on *Apollo 11* and *12* samples, and as a trainer for astronauts of the *Apollo 16* and *17* missions. Bevan spent a few years (1972–1975) away from NASA as a Program Director of Geochemistry at NSF before returning to NASA headquarters in 1975.

Bevan officially retired from NASA in 1994 and continued his work on impact cratering. He returned to active research on terrestrial impact structures, first as a visiting professor at the University of Vienna, Austria, and later as a research collaborator in the Smithsonian Institution, USA. In recognition of his contributions to planetary science and impact cratering, Bevan was awarded the Barringer Medal from the Meteoritical Society in 2002.

Beyond science, Bevan enjoyed many things, including classical music and reading (mystery and humor being high on his lists of favorites). Lately, he spent a lot of his time organizing his books and reprints as well as his large sample collection, housed in the basement of his home in Chevy Chase, Maryland, USA, and he was even just now working on more Sudbury research. We have lost a giant in the field of impact cratering research, and a wonderful person and gentleman.

For the full obituary, please go to the Meteoritical Society webpage (https://meteoritical.org/news/bevan-m-french-1937-2025), and also a full memorial in *Meteoritics and Planetary Science* (https://doi.org/10.1111/maps.70010).

Submitted by: **Steven Jaret**, **Peter Schultz**, and **Christian Koeberl**

Meteoritical Society

http://meteoriticalsociety.org

2026 ANNUAL MEETING INVITATION – FRANKFURT

You are cordially invited to attend the 88th annual meeting of The Meteoritical Society, which will take place from **August 9th through 14th, 2026**, at Goethe University Campus Westend in Frankfurt, Germany. The meeting is hosted by Goethe University, Senckenberg – Leibniz Institution for Biodiversity and Earth System Research, and Physikalischer Verein. The meeting website can be found at: https://metsoc2026-frankfurt.com/.

2025 ANNUAL MEETING TRAVEL AWARDS

On behalf of the Meteoritical Society, we would like to thank the organizations whose generous sponsorships provided student travel grants, postdoc travel grants, and travel grants for scientists from countries with limited financial resources. These sponsoring organizations, and the recipients of the travel awards, are listed below.

This year, 57 travel grants were given to students and researchers who attended the annual meeting of the Society in Perth, Australia. Student travel grants and travel grants for scientists from countries with limited financial resources are generously sponsored by the Barringer Crater Company, Elsevier Publishing, the Meteoritical Society, Meteorite Times Magazine and the International Mineral Collectors Association (Brian Mason Award), the Maine Mineral and Gem Museum, the O. Richard Norton Fund, and the Darryl Pitt/Macovich Meteorite Collection.

Barringer Crater Company Travel Awards

Bianka Babrian
Emma Belhadfa
Emelia Branagan-Harris
Mabel Gray
Siddhesh Jadhav
Alexander Kling
Riku Konishi
James McFadden
Lissete Melendez
Tomoyo Morita
Ryosuke Sakai
Daniel Sheikh
Leah Shteynman
Kevin Soto
Jayden Squire
Taiga Takase
Niamh Topping
Libby Tunney
Yuke Zheng

Brian Mason Awards:

Seima Ishida
Louis-Alexandre Lobanov

Darryl Pitt/Macovich Collection Travel Awards

Linda Losurdo
Sojiro Yamazaki

Elsevier Travel Awards

Thomas Barrett
Pierre-Etienne Martin
Ryosuke Sakurai

Maine Mineral and Gem Museum Award

Rikuto Honda

Meteoritical Society Early Career Travel Awards

Simon Anghel
Marine Ciocco
Samuel Crossley
Carolyn Crow
Yuma Enokido
Ryota Fukai
Sammy Griffin
William Hyde
Anna Kartashova
Mark Nottingham
Amanda Ostwald
Aditya Patkar
Atsushi Takenouchi

Meteoritical Society Travel Awards

Swarna Prava Das
Svitlana Kolomiyets
Varsha M Nair
Olga Popova
Ankit Prakash Singh
Subhasmita Swain
Zhan Zhou

O. Richard Norton Fund Travel Awards

Amanda Alexander
Imene Kerraouch
Nozomi Matsuda
Ben Rider-Stokes
Evgenia Salin
Mohammad Tauseef
Zoltan Vaci

Travel for International Members (TIM) Fund Awards

Miracle Chibuzor Marcel
Lin-Xi Li
Shreeya Natrajan

CALL FOR AWARD NOMINATIONS

Please consider nominating a colleague for one of the Society's awards. Nominations should be sent to Secretary Jutta Zipfel (metsocsec@gmail.com) by January 15 (January 31 for the Service Award and the Pellas-Ryder Award). For more information and details on how to submit a nomination for any of these awards, please see the latest newsletter on 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. 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. The newest society award, the ***Elmar Jessberger Award***, will be given to a mid-career female scientist in the field of isotope cosmochemistry.

RECENT GRANTS AWARDED BY THE METEORITICAL SOCIETY

Meteoritical Society Research Grants

We are happy to announce the second recipients of 2025 for Meteoritical Society Research Grants. The Meteoritical Society Research Grant is available to students and early career researchers who are members of the Meteoritical Society. The Meteoritical Society Research Grant aims to promote collaborative research in the fields of meteoritics and planetary sciences. The grants provide funding to aid novel and interdisciplinary research ideas not yet funded elsewhere. We appreciate the many strong applications received for this opportunity, and we thank the Endowment Committee for their work creating this initiative and for leading the selection process.

- **Sowmya Bhowmick** *(NISER Bhubaneswar, India), PhD student*
  Heavy and light element isotope concentration of presolar graphites from carbonaceous chondrites.
- **Caroline Hasler** *(UC Berkeley, USA), PhD student*
  Deducing source lithologies of the Australasian tektites using a Bayesian unmixing model.
- **Isabelle Mattia** *(Imperial College, London, UK), PhD student*
  Composition and flux changes of Cretaceous fossil micrometeorites: an investigation of diagenetic effects on preservation and identifying hidden past dust-forming events.
- **Gabriel Pinto** *(Université Libre de Bruxelles, Belgium), Postdoctoral Researcher* The influence of evaporites on the terrestrial alteration of CO carbonaceous chondrites from the Atacama Desert: Evidence from oxygen isotope analysis.
- **Jayden Squire** *(University of Adelaide, Australia), PhD student*
  Potassium isotope volatilization during terrestrial impact events.

The **next application deadline will be January 15, 2026**. Details about scope, eligibility, funding, and the application form can be found on the Endowment page of the website (https://meteoritical.org/endowment/general-endowment-fund).

Meteoritical Society Community Grants

The Meteoritical Society Endowment Fund also supports a variety of activities through grants that are made twice a year. We are very pleased to announce that three Community grants were recently selected for funding during the second selection of 2025. Thank you to the Endowment Committee for their efforts leading this opportunity. More information can be found about each project on the Society website (https://meteoritical.org/news/five-new-meteoritical-society-community-grants-awarded).

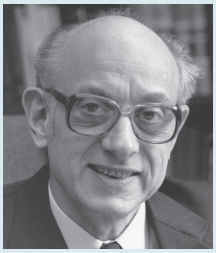
- **Claudia Aravena González** *(Museo del cazameteoritos Cherufe, Chile)*
  Meteorites & dinosaurs Chile.
- **David King** *(Auburn University, USA)*
  Proposal to enhance public understanding of Wetumpka impact structure, Alabama USA, by enhancing the quality of displays of geological materials at the city-owned Crater Discovery Center in downtown Wetumpka.
- **Rachel Kirby** *(Monash University, Australia)*
  Exploration of the Camooweal region to assess the suitability of the region for the expansion of the Global Fireball Observatory.
- **Daniel Moncada** *(University of Chile, Chile)*
  Classification & curation of Atacama's ordinary chondrites at Chile's oldest university.
- **James Scott** *(Aarhus University, Denmark)*
  First deployment of the Greenlandic Fireball Array.

The Meteoritical Society is delighted to be able to support these worthwhile projects that further the Society's goals to promote research and education in planetary science. **The next application deadline for Endowment Fund requests is January 15, 2026.** Guidelines for submitting your requests can be found on the Endowment page of the website (https://meteoritical.org/endowment/general-endowment-fund).

IN MEMORIAM – EDWARD ANDERS (1926–2025)

Edward Anders passed away peacefully in California, USA, on June 1, 2025. He was 98.

He was born in Liepāja, Latvia on June 21, 1926 as the second son of Adolf and Erica Alperovitch. In 1940, the Soviet Union invaded and occupied Latvia. In June 1941, Germany started a surprise attack against the Soviet Union. Anders and his mother survived the Holocaust by claiming she was Aryan. When the Soviet Union was advancing in Latvia toward Liepāja toward the end of the war, Germans offered temporary asylum in Germany to "trustworthy refugees." Realizing that this would be the only opportunity to avoid Stalin's Soviet regime, Anders and his mother left for Germany in late 1944. Anders enrolled in two universities in Munich. In 1949, he and his mother emigrated to the United States and later changed their surname to Anders.



Edward Anders in 1989. Photo: The University of Chicago Photographic Archive.

After he received his PhD in radiochemistry from Columbia University in 1954, he was offered a position at The University of Chicago in 1955. He remained at The University of Chicago until he retired in 1991. Anders and his group measured trace elements in lunar samples brought back by Project *Apollo* using neutron activation analysis. He decided to focus on projects using noble gas mass spectrometry in 1981. Roy Lewis joined the group in 1972 and worked with Anders until his retirement.

The isotopically anomalous noble gas components observed in meteorites from the analyses in 1969–1978 indicated that a small amount of grains produced in stars are contained in primitive meteorites. The carriers are what we now call presolar grains. Anders persisted in isolating and identifying carriers of the anomalous noble gases. Anders' strong background in analytical chemistry helped design chemical separation procedures, into which Lewis' insight was also integrated.

Presolar nanodiamonds, silicon carbide, and graphite were all isolated and identified in Anders' lab between 1987 and 1990. Those discoveries have opened up a new field of astronomy: the study of stardust in the laboratory. Anders, with Nicolas Grevesse, published a paper on the solar abundance in 1989. The paper has remained one of the most cited papers in cosmochemistry.

One of the projects Anders took on after his retirement was to retrieve the names of the Jews who perished during the Nazi occupation of his hometown, Liepāja. He and Juris Dubrovskis, a collaborator of this project, used 13 different sources and recovered the names and the fates of ~7000 of the ~7140 Jews living in the town.

Submitted by **Sachiko Amari**, Washington University

Meteoritical Society

http://meteoriticalsociety.org

2026 ANNUAL MEETING INFORMATION – FRANKFURT AM MAIN, GERMANY

You are cordially invited to attend the 88th Annual Meeting of the Meteoritical Society from August 9th–14th, 2026, in Frankfurt am Main, Germany. The meeting is hosted by Goethe University and by the Senckenberg – Leibniz Institution for Biodiversity and Earth System Research with support from the Physikalischer Verein. The on-site registration will begin at 5 pm on Sunday, August 9th, 2026, with a welcome reception at the Jügelhaus of the Senckenberg Natural History Museum. Oral and poster sessions, as well as the Barringer lecture, will take place at the Auditorium Complex of Goethe University on Campus Westend, located conveniently in the city center. Proposals for special sessions and pre-conference workshops are encouraged. The annual banquet will be held at the dining hall on Campus Westend. On the evening of the banquet, a partial solar eclipse with 88% obscuration will be visible. If weather permits, we will offer the opportunity to watch this spectacle during the dinner. August is typically one of the warmest months in central Europe—daytime temperatures may easily be in the lower 30s °C with lots of sunshine and little rain.

Campus Westend is located next to the Grüneburg Park, the Botanical Garden, and the Palmengarten, which are inviting for a stroll and time to relax. The surroundings offer a selection of many restaurants within 15 min walking distance. Getting to and around in Frankfurt is easy. Frankfurt Airport is the busiest airport in Germany, serving about 330 destinations on five continents. The direct connection by regional trains (S-Bahn) from the airport to the main train station in the city center takes only 15 min. The city has a great public transportation system served by buses and underground (U-Bahn) lines. In addition, taxis and Uber are available. Attendees of the conference will receive a bus and U-Bahn ticket for free rides in the inner city, valid for the entire week. There are many hotels of different ratings, all of which are located close to the venue and public transportation stations. A large number of hotel rooms will be available at conference prices. Details about booking conditions and availability will be provided on the website (https://metsoc2026-frankfurt.com). Wednesday afternoon excursions are planned to include, for example, wine-tasting in the Rheingau, a trip to the Messel Pit Fossil Site, a visit to the ESA, a tour of the Mathildenhöhe Site of Modernism, as well as a guided city tour of Frankfurt. Post-conference tours are currently in the planning stage.

Frankfurt is a bustling city. It is located in the geographic center of Europe and on the River Main. As the center of the EU's banking landscape and seat of the European Central Bank, it is an international city offering many cultural events, museums, restaurants, cafés, bars, clubs, and an exciting nightlife. Although the city is relatively small with only 750,000 inhabitants, it has all of the advantages of a larger metropolitan area. The Museum Embankment, sited along the River Main, features more than nine world-class museums, such as the Städel art gallery. Another highlight is the new Old Town, which was rebuilt in 2012–2018. Frankfurt is a place of German history with traces that can be explored all over the city. It was a site of Imperial coronations in the Holy Roman Empire and seat of the first democratically elected German parliament in 1848.

Details regarding the scientific and social program will be provided as soon as available. Visit the website, https://metsoc2026-frankfurt.com, for further details and regular updates.

We look forward to welcoming you all in Frankfurt in 2026!

The Local Organizing Committee

SOCIETY AWARD WINNERS

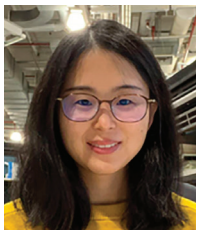
The Society gives five major awards each year. For more information on individual awards, please see the Call for Nominations and the Society webpage (https://meteoritical.org/awards). Congratulations to the highly deserving awardees, and thank you to all our members who took the time to nominate our colleagues for consideration and who serve on award committees.



The Leonard Medal is given to individuals who have made outstanding original contributions to the science of meteoritics or closely allied fields. The Meteoritical Society presents the 2025 Leonard Medal to **Conel Alexander** for the fundamental and important contributions he has made to many aspects of meteoritics and allied fields, including the nature and origin of chondrite matrix, the origin of presolar grains, the nature and origin of water and organic matter in the Solar System, the origin of chondrules, and the origin of major cosmochemical trends across the Solar System. Full citation: *https://doi.org/10.1111/maps.70026*.



The Barringer Medal is given for outstanding work in the field of impact cratering and/or work that has led to a better understanding of impact phenomena. The Meteoritical Society presents the 2025 Barringer Medal to **Sarah Stewart** for her fiendishly complicated shock physics experiments and her mastery of numerical impact modeling. This blend of shock experiments and numerical modeling has transformed how we think about melting and vaporization during planet formation. Full citation: *https://doi.org/10.1111/maps.70004*.



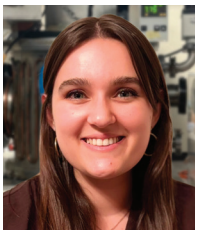
The Nier Prize is given for significant research in the field of meteoritics and closely related fields by an early career scientist under the age of 35 or whose PhD was awarded <7 years ago. The Meteoritical Society presents the 2025 Alfred O. Nier Prize for a distinguished young scientist to **Nicole Nie** for her contributions to our understanding of the depletion and isotopic behavior of moderately volatile elements in planetary bodies. Full citation: *https://doi.org/10.1111/maps.14365*.



The Service Award honors members who have advanced the goals of the Society to promote research and education in meteoritics and planetary science in ways other than by conducting scientific research. The Meteoritical Society presents the 2025 Service Award to **Rhiannon Mayne** for her widespread contributions to meteoritics and planetary science through extensive education and public outreach activities, service to the broader scientific community, and the acquisition, classification, and curation of many new samples for research in the Monnig Collection. Full citation: *https://doi.org/10.1111/maps.70009*.

RENEW YOUR MEMBERSHIP NOW!

Please renew by March 31, 2026;
after that date, a $15 late fee will be assessed.
You can renew online at: https://meteoritical.org/society/membership.



The GORDON MCKAY AWARD is given each year to the student who gives the best oral presentation at the annual meeting of the Society. The award honors the memory of Gordon A. McKay and is supported by the McKay Fund, which was established in 2008 as a part of the Meteoritical Society's endowment. The McKay Award for the 87th Annual Meeting of the Meteoritical Society in Perth goes to **Linda R. Losurdo** (The University of Sydney, Australia) for the talk entitled "Plasma-Synthesised Organic Networks as Laboratory Analogues of IOM in Carbonaceous Chondrites: Distinguishing Ion Bombardment from Temperature Effects." The award comes with a prize of US $1,000 and a certificate.

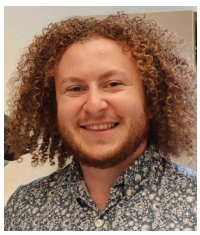
The WILEY-BLACKWELL AWARD is presented for outstanding presentations by students at the annual meeting of the Society. Wiley-Blackwell are the publishers of *Meteoritics and Planetary Science* and, for the 87th meeting in Perth, they sponsored five awards of US$500 each. The 2025 Wiley Award winners are **Daniel L. Burgin** (Curtin University, Australia) for the presentation "Non-metallic Core Formation in Highly Oxidised Asteroids," **Connor Antonio Diaz** (University of Colorado Boulder, USA) for the presentation "Heterogeneous Ejection Temperatures Recorded in a "Low-Shock" Martian Meteorite by (U/Th)/He Thermochronology and a High-Pressure Polymorph," **Alexander M. Kling** (Purdue University, USA) for the presentation "Unraveling the Complex Relationship Between Progressive Space Weathering and the Cycling of Solar Wind Volatiles on the Moon," **Yamazaki Sojiro** (University of Tokyo, Japan) for the presentation "On the Relationship Between Geochemical Classification and Redox State of Poikilitic Shergottites: Further Evidence for Heterogeneous Martian Mantle," and **Zheng Yuke** (Field Museum & University of Chicago, USA) for the presentation "Volume Measurement of Small Particles using SEM Photogrammetry and 3-D Reconstruction."



Daniel Burgin



Connor Antonio Diaz



Alexander King



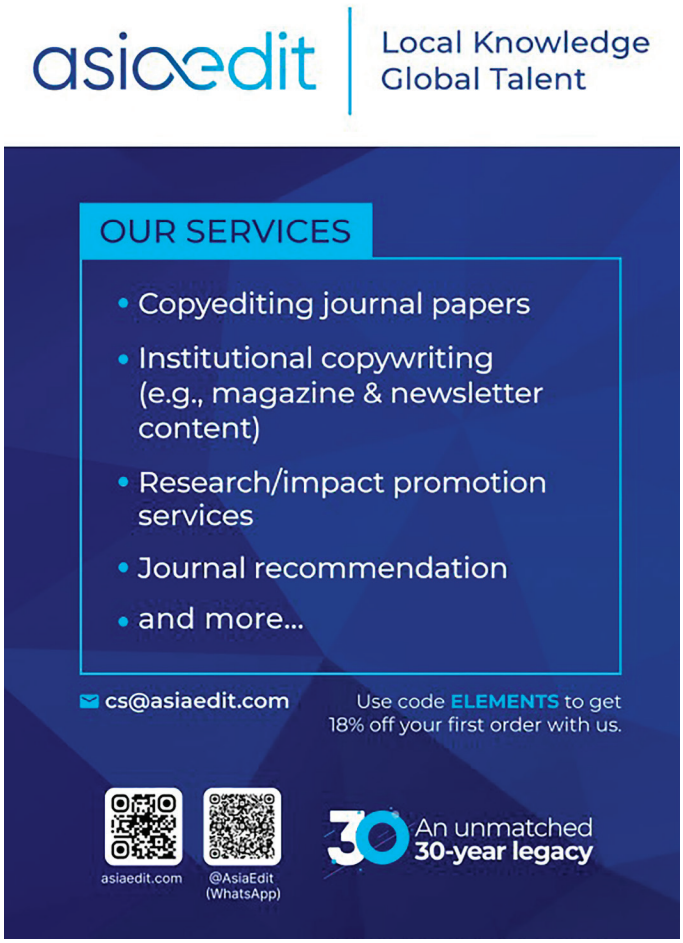
Yamazaki Sojiro



Zheng Yuke

CALL FOR AWARD NOMINATIONS

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



IMA *Cont'd from page 443*

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