



**Italian Society
of Mineralogy
and Petrology**

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on Mars could deliver meteorites to Earth, explored details of how Earth's Moon could have been formed by a giant impact 4.5 Gy, and performed detailed theoretical calculations that led to a more complete understanding of the Chicxulub impact (Mexico). In 2009, Jay moved to Purdue University (Indiana, USA) where he built a planetary science group within the Earth, Atmospheric, and Planetary Sciences Department. At Purdue, Jay and his students continued investigating impact processes and other geophysical phenomena. His work spanned a wide variety of celestial objects: Earth and its Moon, Mercury, Venus, Mars, Pluto, comets, and the giant planet satellites Callisto, Ganymede, Europa, Titan, Miranda.

Jay viewed his role as an educator and mentor with great enthusiasm. Jay advised over 20 graduate students who ultimately received PhDs in the disciplines of geology, planetary science, and physics. Jay also sponsored many undergraduate students, helping them early in their careers to explore what it meant to be a scientist. Jay had a deep passion for geologic field studies, and his field trips at Arizona were legendary. While the development of geologic field expertise was the priority, these trips were seldom without high adventure, much to the dismay of university officials responsible for the repair of vehicles damaged or sacrificed for the sake of learning. Late in his tenure at Arizona, a survey of alumni revealed that many viewed Jay's field trips as the most valuable learning experience they had in graduate school. His understanding of geologic processes and his ability to explain them in terms that not only educated but that engaged students, and his colleagues, was unique. Jay encouraged students to take scientific chances, not to be afraid to consider new ideas or to revisit old ideas that had previously been overlooked. He considered school a time to explore and to make the most of opportunities, even if not directly related to one's research. Jay's love of learning, of questioning established wisdom (often with a mischievous grin), and of searching for answers to mysteries—new or old—were inspiring and exemplified just how much fun scientific investigation can be. He modeled this in his own career.

Jay's scientific accomplishments were widely recognized by the scientific community. He was an active member of the National Academy of Sciences of the United States of America and had been inducted as a Fellow in the American Association for the Advancement of Science, the American Geophysical Union, the Geological Society of America, and the Meteoritical Society. Among his many awards and citations, Jay received the Barringer Medal from the Meteoritical Society in 1999 and the Gilbert Award from the Geological Society of America in 2001. Most recently, he was given the McCoy Award at Purdue University.

Jay is survived by his wife of 18 years, Ellen Germann, and by his sons, Nick and Greg, and their 5 children. Ellen's daughter and son, Margaret and Stephan, also have children who consider Jay to be their "Grandpa Jay."

To view a more complete version of this memorial, see <https://meteoritical.org/news/h-jay-melosh-1947-2020>.

**Marc W. Caffee, Timothy D. Swindle,
Elizabeth (Zibi) P. Turtle**

EUROPEAN JOURNAL OF MINERALOGY: NEW SERIES OF SPECIAL ISSUES

The *European Journal of Mineralogy (EJM)* has launched a new series of special issues with the overarching title of **Probing the Earth: Experimental and Theoretical Advances**.

Two special issues scheduled for 2020–2021 are the following:

Probing the Earth: Reviews of OH Groups in Anhydrous and Hydrated Minerals

SUBMISSION:
01 March 2020–31 March 2021

EDITORS: Patrick Cordier,
Etienne Balan, István Kovács,
and Roland Stalder

Probing the Earth: Experiments and Mineral Physics at Mantle Depths

SUBMISSION:
01 February 2020–30 June 2021

EDITORS: Elisabetta Rampone, Patrizia Fumagalli, Stephan Klemme, Monika Koch-Müller, Didier Laporte, and Max Wilke



More information can be found at <https://www.european-journal-of-mineralogy.net>.

Authors will profit from the reduced article processing charge costs devoted to SIMP members (€40 per page). In addition, for each special issue the senior editor will have the possibility of selecting two or three papers for Gold Open Access.

We encourage all the SIMP community to take advantage of this opportunity.

Elisabetta Rampone
Chief Editor of *European Journal of Mineralogy*

GOLD OPEN ACCESS ON EJM: A 2021 PROMOTION FOR YOUNG RESEARCHERS WHO ARE SIMP MEMBERS

The SIMP offers a special promotion for Gold Open Access publication, devoted to young (under 35 years) SIMP members.

The society will provide a contribution of €600 per article (corresponding to 10 pages free of charge) for open access publication of 5 papers (total cost €3,000) that are submitted in 2021 by young SIMP members who are also the corresponding authors.

When submitting the paper, the corresponding author must indicate her/his willingness to apply for the **Special Young Researcher SIMP Promotion 2021** to get full payment of open access costs for 10 printed pages.

The promotion will apply to the *first 5 papers* that are accepted in 2021.

The papers can be submitted on different topics (i.e., to different topic editors). Managing Editor Ingrid Jannick will track the entire process and inform the society accordingly.

We encourage all members of the young SIMP community to benefit from this opportunity.

Elisabetta Rampone
Chief Editor of *European Journal of Mineralogy*