

The Geological Society of Washington

founded 1893

Wednesday, April 9th, 2025

Meeting No. 1609

Theme of the event: Rock Deformation and Tectonics

RYAN MCALEER, U.S. Geological Survey —
Microtextures and Microchemistry in Retrograde Shear Zones: Implications
for Geochronology, Deformation Mechanisms, and Rock Strength

WEN-LU ZHU, University of Maryland, College Park —
Effect of Partial Melt on Seismic Wave Velocity of Mantle Peridotite

EMILY MARTIN, National Air and Space Museum —
Dione's Tectonic History and Evidence for a Global Subsurface Ocean

Talks will be 20 minutes each with questions to follow.

If anyone has any announcements or informal communications they would like to share with the society, please e-mail Vedran Lekic (ved@umd.edu) ahead of time.

Refreshments at 7:30 p.m., formal program at 8:00 p.m.

John Wesley Powell Auditorium
2170 Florida Avenue NW, Washington D.C.

*** This meeting will not have an online / hybrid option ***

Upcoming 2025 Spring Meetings:

April 30 – Earth and Planets Laboratory, theme: M3 - Moon, Mars, Mercury

May 14 – Cosmos Club

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