



Program

To access the abstracts, use the hand tool of your Acrobat Reader to click on the name of any session. After the full program listing for that session appears, click on the title of a presentation to view the abstract for that presentation.

Sunday Morning, July 23, 8:30 a.m. — Pre-Meeting Workshops

La Fonda Hotel [Workshop: Recognizing the Criteria for Ancient Impact Structures](#)

Sunday Morning, July 23, 1:30 p.m. — Pre-Meeting Workshops

La Fonda Hotel [Mars Sample Return: Sample Priorities, Investigations and Measurements](#)

Monday Morning, July 24, 8:30 a.m.

Sweeney E/F Welcome Ceremony

Monday Morning, July 24, 9:15 a.m.

Sweeney A [Special Session: Differentiated Bodies in the Asteroid Belt: Psyche, Vesta, and Ceres](#)

Sweeney B [Carbonaceous Chondrites and Their Parent Body Evolution I](#)

Sweeney C [Interplanetary Dust Particles and Micrometeorites](#)

Monday Afternoon, July 24, 1:30 p.m.

Sweeney A [40 Years of U.S. Antarctic Meteorites](#)

Sweeney B [Short-Lived Radionuclides and Early Solar System Chronology](#)

Monday Evening, July 24, 7:00 p.m.

Sweeney E/F [Barringer Lecture](#)

Tuesday Morning, July 25, 8:30 a.m.

Sweeney A [Impact Processes in Nature: The Shocking Truth Will Alter You Forever](#)

Sweeney B [Asteroid Differentiation: By Degrees](#)

Sweeney C [Chondrites: Origins and Processing of Chondrites and Chondritic Components I](#)

Tuesday Afternoon, July 25, 1:30 p.m.

Sweeney A [Volatiles, Carbon and Organics — The Universal Cycle](#)

Sweeney B [Origin and Evolution of the Moon](#)

followed at 4:00 p.m. by

[Martian Meteorites I](#)

Sweeney C [CAIs and Other Refractory Materials](#)

Tuesday Evening, July 25, 5:30 p.m. — Poster Session I

Poster Area	40 Years of U.S. Antarctic Meteorites
Poster Area	Achondrites, Stony-Irons, Irons
Poster Area	CAIs and Other Refractory Materials
Poster Area	Chondrites: Origins and Processing of Chondrites and Chondritic Components
Poster Area	Impact Processes — Bits and Pieces
Poster Area	Interplanetary Dust Particles and Micrometeorites
Poster Area	Ongoing and Future Sample Return Missions and Sample Analysis Initiatives

Wednesday Morning, July 26, 8:30 a.m.

Sweeney A	Awards Ceremony
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Thursday Morning, July 27, 8:30 a.m.

Sweeney E/F	Guest Lecture
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Thursday Morning, July 27, 9:15 a.m.

Sweeney A	Chondrites: Origins and Processing of Chondrites and Chondritic Components II
Sweeney B	Developments in Advanced Techniques for Meteorite and Returned Sample Analysis
Sweeney C	Impact Modeling and Shock Experiments: From Large to Small

Thursday Morning, July 27, 11:30 a.m.

Sweeney E/F	MetSoc Business Meeting
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Thursday Afternoon, July 27, 1:30 p.m.

Sweeney A	Impact Processes in Nature: Hot and Glassy, Heavy Metal, Rock and Roll
Sweeney B	Carbonaceous Chondrites and Their Parent Body Evolution II
	<i>followed at 3:15 p.m. by</i>
Sweeney B	Meteorite Falls/Finds
Sweeney C	Melted Asteroids: Crust to Cores

Thursday Evening, July 27, 5:30 p.m. — Poster Session II

Poster Area	Chondrites: Alteration, Metamorphism and Impact Processes
Poster Area	Carbonaceous Chondrites and Their Parents
Poster Area	Developments in Advanced Techniques for Meteorite and Returned Sample Analysis
Poster Area	Martian Meteorites
Poster Area	Meteorite Falls/Finds
Poster Area	Origin and Evolution of the Moon

Friday Morning, July 28, 8:30 a.m.

Sweeney A	Martian Meteorites II
Sweeney B	Formation of Chondrules and Chondrite Precursors
Sweeney C	Presolar Grains

[Print Only](#)**Saturday Morning, July 29, 8:30 a.m. — Post-Meeting Workshop**

University of New Mexico	Martian Meteorites Under the Microscope
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