

8TH PLANETARY CRATER CONSORTIUM MEETING
AUGUST 9-11, 2017
USGS RODDY ROOM, FLAGSTAFF, AZ
AGENDA

Wednesday, August 9, 2017:

8:30-8:50 AM	Welcome and Introductions	Boyce/Kestay
8:50-9:00 AM	History and Structure of the PCC	Boyce/Barlow
9:00-10:30 AM	PCC Business	
	Crater Names Committee Report	Watters
	DLE Subcommittee Report	Barlow
	Crater Variability Study Proposal	Robbins
	PCC Charter Discussion	Boyce
	Announcement of PCC ExC Open Position	Boyce
	Other Business/Announcements	Boyce/All
10:30-10:45 AM	Break	
10:45-11:15 AM	New Software Tools for Crater Applications	Hare
11:15-11:30 AM	General Discussion	All
11:30 AM – 1 PM	Lunch	
1:00-1:40 PM	The USGS Astrogeology Geologic Materials Collection: Terrestrial Impact Crater Samples for use by the Planetary Science Community	Gaither
1:40-2:20 PM	Petrographic Characterization and Preliminary Microthermometry of the Hydrothermal System at Flynn Creek Crater, Tennessee	Gullikson
2:20-3:20 PM	Tour of USGS Impact Crater Sample Collection	Gaither
3:20-3:35 PM	Break	
3:35-4:15 PM	Influence of Target Strength on Low-Velocity Cratering: 3-D Simulations	Watters
4:15-4:55 PM	Statistical Model Development of Crater Thermal Inertia from TES	Riggs
4:55-5:30 PM	General Discussion on W Topics	All

Thursday, August 10, 2017:

8:30-9:10 AM	Using Doublet Craters on Ceres to Constrain Main Belt Binary Asteroid Systems	Wren
9:10-9:50 AM	Preliminary Investigation of Craters on Ceres	Zeilinhofer
9:50-10:05 AM	Break	
10:05-10:45 AM	Summary of MESSENGER Analyses of Impact Cratering on Mercury	Chapman
10:45-11:25 AM	Progress on Old and New: D \geq 1 km Crater Catalogs for Mars and Moon	Robbins
11:25 AM-12:45 PM	Lunch	
12:45-1:25 PM	Ejecta Deposits Beyond the Layered Ejecta Rampart on Mars: Implications for Ejecta Emplacement and Classification	Tornabene

1:25-2:05 PM	Implications of the Morphology of Flow Features on Martian Layered Ejecta and A Model for Layered Ejecta Emplacement on Mars	Boyce
2:05-2:10 PM	Brief (1-2 minute) Introduction to Posters	Barlow, Robbins, Wren
2:10-2:50 PM	Break and Poster Session Crater Databases for Mercury, the Moon, Mars, Ganymede, and Ceres—A Status Report Revised Recommended Methods for Analyzing Crater Statistics Impact Crater Analysis Capabilities of the Java Mission-Planning and Analysis for Remote Sensing (JMARS) Application	Barlow Robbins Wren
2:50-3:30 PM	Where Impact-Caused Density Currents Came to Die: Gale Crater	Burt
3:30-4:10 PM	Crater Size-Frequency Distribution of the South Polar Layered Deposits, Mars: Preliminary Results	Landis
4:10-4:50 PM	Timing and Distribution of Single-Layered Ejecta Craters Implies Sporadic Preservation of Mars' Tropical Subsurface Ice	Kirchoff
4:50-5:30 PM	Discussion on Th Topics	All
6:30 PM	Optional: Pasta Dinner at Nadine's House	

Friday, August 11, 2017:

8:30-9:10 AM	Investigating Central Pit Formation Mechanisms Using Inferential Statistics, an Update	Peel
9:10-9:50 AM	New Insights into the Formation of Central Pit Craters	Barlow
9:50-10:30 AM	General Discussion of All Science Topics Presented	All
10:30-10:45 AM	Break	
10:45 AM – 12 noon	PCC Business Election of new ExC Member (3 year term) Dates and Location of 2018 PCC Meeting Ideas for Enhancing Participation in PCC Other Business/Discussion	Boyce/All
12:00 noon	Adjourn	

WebEx Instructions:

<https://usgs.webex.com/usgs/j.php?MTID=mcc235e88029694744c4bd31f87826b5b>

meeting number: 712 763 230

telephone: 1-855-547-8255

meeting: 40567 #

For WebEx problems: Contact Trent Hare (thare@usgs.gov)