

**10<sup>TH</sup> PLANETARY CRATER CONSORTIUM MEETING**  
**AUGUST 7-9, 2019**  
**USGS SHOEMAKER BUILDING, RODDY ROOM,**  
**FLAGSTAFF, AZ**  
**AGENDA**

**Wednesday, August 7, 2019:**

8:30-9:00 AM	Welcome and Introductions History and Structure of the PCC	Kirchoff Barlow
9:00-10:15 AM	PCC Business Crater Names Committee Report Announcement of PCC ExC Open Position PCC "Proceedings" Future Workshop Ideas Sat. Meteor Crater field trip and possible field trip to Cinder Hills Crater Field on Fri. PM Other Business/Announcements/Reports	Watters Kirchoff Kirchoff Kirchoff  Barlow Kirchoff/All
10:15-10:30 AM	Break	
10:30--11:00 AM	New Software Tools for Crater Applications	Hare
11:00-11:30 AM	JMARS Crater Applications	Wren
11:30 AM – 1 PM	Lunch	
1:00-1:40 PM	Open Tools for Crater Analyses	Robbins
1:40-2:20 PM	Proposal-based Crater Detection Algorithm for One-Click Crater Annotation	Klear
2:20-3:00 PM	The Effect of Terrain Properties on Crater Model Age Determinations	Kirchoff
3:00-3:30 PM	Posters and Break Poster: Impact Crater Analysis Using the Java Mission-Planning and Analysis for Remote Sensing (JMARS) Application Poster: Spectral Analysis of Dark Crater Ejecta on Europa	Wren  Tomlinson
3:30-4:10 PM	Code Verification and Validation in Impact Cratering	Harwell
4:10-4:50 PM	Progress on Planetary Defense at Los Alamos National Laboratory	Plesko
4:50-5:30 PM	General Discussion on W Topics	All

**Thursday, August 8, 2019:**

8:30-9:10 AM	Small Lunar Crater Ray Geometry and Target Topography	Martin-Wells
9:10-9:50 PM	Long Runout Landslide or Fluidized Ejecta on the Moon: The Tsiolkovskiy Flow Feature?	Boyce
9:50-10:05 AM	Break	
10:05-10:45 AM	The Role of Large Impacts in Greenhouse Warming on Early Mars	Barlow
10:45-11:25AM	The Recent Atmospheric History of Mars Derived	

	From Small Craters Observed by MSL	Hoffman
11:25 AM-12:45 PM	Lunch	
12:45-1:25 PM	Morphometric Characterization of Small Impact Crater Modification on Mars	Watters
1:25-2:05 PM	Self Secondary Cratering on the Rim of the Martian Impact Crater Tooting: Or Something Else	Boyce
2:05-2:45 PM	Impact Spherules vs Diagenetic Concretions: Origin Of Sediments on Mars	Burt
2:45-3:00 PM	Break	
3:00-3:40 PM	Comparing Binary Systems of the Inner and Intermediate Zones of the Asteroid Belt	Wren
3:40-4:20 PM	Crustal Strength Variations on Ceres as Revealed by its Impact Craters	Zeilhofer
4:20-5:00 PM	Hydrocode Modeling of Impact Structures on Asteroid 16 Psyche	Caldwell
5:00-5:30 PM	Discussion on Th Topics	All
6:30 PM	Optional: Dinner at Nadine's House	

**Friday, August 11, 2017:**

8:30-9:15 AM	Discussion of All Science Topics	All
9:15-10:15 AM	PCC Business Election of new ExC Member (3 year term) Dates and Location of 2020 PCC Meeting Workshop Ideas Ideas for Enhancing Participation in PCC Other Business/Discussion0:	Kirchoff/All
10:15-10:30 AM	Break	
10:30 AM-12 noon	Tour of USGS Facilities and Collections	Gullikson +
12:00 noon	Adjourn	

**Remote Access Instructions:**

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