

General meeting was started at 6:35 PM by John Carter Sr.

There were 14 individuals on-line. 3 new PAC members were announced: Rob Hopper, Steve Hinds and Katie Rodney with Rob Hopper in attendance. No guests were in attendance. The total attendance did not constitute a quorum, so no official action could be conducted.

Business reports

Last month's (December 2020) general meeting minutes are posted on the PAC website and approved by those present.

Treasurer report indicated that the PAC checking and saving accounts status was as followed:

- Opened account with \$5563.01 total checking and savings
- Total expenses for December: \$0.00
- Total income for December: \$88.44
- Closing balance: \$5676.45 for a net increase of \$98.44

All present approved the report without comment.

It was noted that there have been some changes to the PAC website. The most significant change was done to make it easier for prospective members to locate the Club's general information and how to join the Club.

Old business

Announcement of the election results and new board members. Jeff Stillman is the new President and Art Arnold- Roksandich is the new Treasurer for 2021. We're still in need of PAC members to volunteers to fill the Vice-President and Secretary positions for 2021. Those interested, please contact the current President, past President or any current Board member.

Scheduled events

There are no star parties or Third Thursday Star Talk scheduled in January.

There is a PAC Board meeting on 19 January at 6:30PM to be conducted via Zoom.

Short topics

Discussed the Jupiter/Saturn conjunction of 21 December 2020. Several members shared photos of the event.

Discussed the possibility of a Club observatory with location and type under early development.

Discussed the possibility of a virtual star party to be conducted as part of the general meeting. There was general interest indicated for the idea. Further discussion likely needed before implementing into the general meeting.

Main topic

An overview of the Mars 2020 rover mission, its goals and the Mastcam-Z instrument that is mounted on the rover was presented at 7:35 PM. There were 17 individuals on-line.

Presented by: Ernest Cisneros ARIZONA STATE UNIVERSITY

Ernest has been at Arizona State University for the last 13 years, supporting the LRO Cameras (LROC), Mars 2020 Mastcam-Z, and the Psyche Imager & Science Data Center. His expertise is in programming, system engineering, system & network administration, as well as having a degree in Geology. During his 27+ year career, Ernest has worked at the U.S. Geological Survey, Northwestern University and Duke University, and he has worked on various missions/projects – Apollo Image Archive, NEAR Shoemaker, Mars Exploration Rover, ROLO, Lunar Reconnaissance Orbiter, Mars Science Laboratory, LunaH-Map, Mars 2020, and Psyche.

The Mars 2020 mission has targeted the Jezero crater with the landing to occur on February 18, 2021.

Discuss the improvements and differences from the Curiosity mission that the 2020 mission have incorporated. Several of the major instruments and components on the 2020 rover were reviewed. Showed the current planned path that the 2020 rover will likely take during its initial exploration on Mars.

Presentation ended with several questions and answers. An excellent presentation and well aplicated by those in attendance.

The next PAC General meeting will be on February 3 at 6:30 PM. The main topic is still to be determined.

Meeting was adjourned at 8:39 PM.