



MEETING NOTICE **Buenaventura MTT-S Chapter**

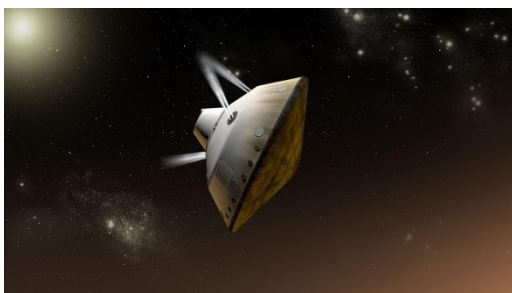
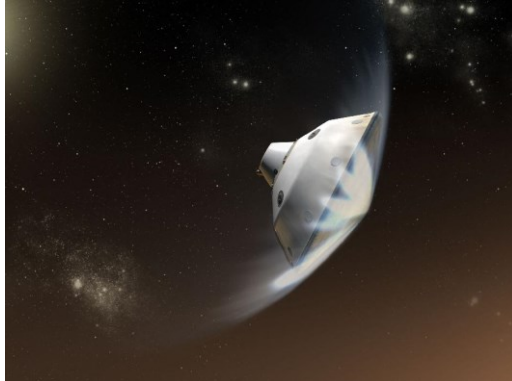
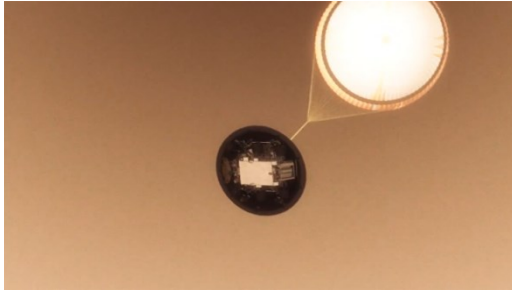
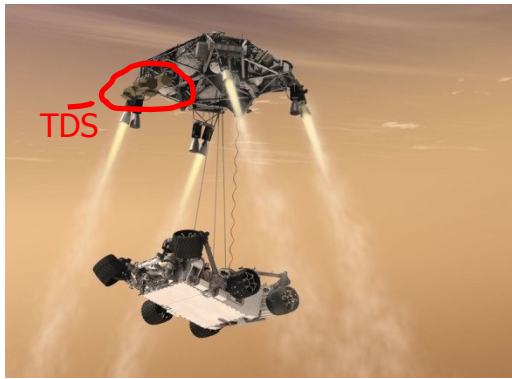
Date and Time: Thursday, June 30th, 2016 (6:30PM)

Location : Skyworks (Conference Room), 649 Lawrence Drive,
Newbury Park, CA 91320

Agenda: 6:30PM Reception & Networking;
7PM Presentation

**M2020/MSL: TDS (Terminal Descent Sensor) DEA
(Digital Electronics Assembly)"**

***Presenter : Dr. Mohammad Ashtijou
JPL/California Institute of Technology***



Abstract : Terminal Descent System is the radar used in MSL mission to land Curiosity rover on Mars. TDS will be used again in M2020 mission. DEA is the brain of the TDS where it serves as the controller and digital signal processor. In this talk ranging techniques employed by the DEA will be presented.

Bio : Mohammad Ashtijou is a seasoned Electronics Engineer at Jet Propulsion Laboratory. His interest is on novel radars and electronics systems that enable NASA/JPL to access new places in space , unfold new knowledge about space and earth, and to pave the road for travel to beyond solar system. He received B.S.E.E. from Clemson University, M.S. and Ph.D. degrees in Electrical Engineering from University of Alabama.