

Moon Mapping Project
"4th Workshop"
10-11 May, 2016
ASI Headquarters, Rome
Sala Cassini

FINAL PROGRAM

May 10, 2016

- 11:00 - 11:15 : Welcome ASI (R. Battiston, ASI President)
- 11:15 - 11:30 : Signature of the Intellectual Property agreement
- 11:30 - 11:50 : Update on Italian Moon Mapping activities (P. Giommi, ASI)
- 11:50 - 12:10 : Work Report on the Progress of Project "Joint Lunar Mapping by Chinese and Italian College Students" (G. Xie, COSE)
- 12:30 : Lunch
- 13:30 - 15:00 : Topics 1, 2, 3 presentations (Italian and Chinese sides - 15 min each talk)
 - Topic 1
 - Solar Wind Ion Detector pre-processing and quality monitor (F. Nozzoli, ASDC / INFN)
 - Solar Wind Ion Flow Distribution Map (H. Chen, Tsinghua University)
 - Topic 2
 - Automatic Extraction of Small-scale Lunar Impact Craters Based on CCD Images of Chang'E Satellites and HOG Feature (Z. Kang, China University of Geosciences - Beijing)
 - Characterization of geomorphological features on lunar surface by means of Chang'E observations (M. Scaioni, Politecnico of Milan)
- 15:00 : Coffee break
- 15:20 - 16:30 : Splitter meetings for topics 1, 2, 3
- 16:30 - 18:30 : External contributions (Hazard detection lab @ PoliMI, COSMO-SkyMed, Joint Lab)
 - Flight Results of Chang'E-3 (J. Ma, Beijing Institute of Spacecraft System Engineering)
 - Italian associate membership application to the NASA Solar System Exploration Research Virtual Institute - SSERVI (S. Pirrotta, ASI)
 - The Near Earth Asteroid Exploration Project (Y. Zhang, DFH Satellite Co., LTD.)
 - AeroSekur Technologies for space exploration (A. Petrini)

May 11, 2016

- 09:30 - 11:30 : Topics 4, 5, 6 presentations (Italian and Chinese sides - 15 min each talk)
 - Topic 4
 - Chang'E-1 Interference Imaging Spectrometer data for lithological and mineralogical characterization of lunar surface (M. T. Melis, University of Cagliari)
 - Chang'E-1 Interference Imaging Spectrometer (Y. Wu, Nanjing University)
 - Topic 5
 - MATISSE for Moon Mapping (A. Zinzi, ASDC / INAF)
 - 3D Moon Visualization System (D. Gu, China university of Geosciences - Wuhan)
- 11:00 : Coffee break
- 11:45 - 13:00 : Splitter meetings for topics 4, 5, 6
- 13:00 : Lunch
- 14:00 : Leave to Turin