

Space Mission Planning Advisory Group (SMPAG)
7th Meeting
Hilton in Pasadena
Pacific A-B room
Friday, 14 October 2016, 09:00 – ca 17:00

Meeting Agenda

09:00 Welcome

Introduction of participants

Agreement on Agenda

Status of SMPAG (ESA)

News from IAWN (NASA)

Update on recent events and ongoing activities

- short info on relevant space missions and conferences (OSIRIS-REx, Rosetta, Hayabusa-2, PDC, etc)

- AIDA/AIM asteroid impact missions (25 min, ESA)

- AIDA/DART overview/status, kinetic impactor demonstration (25 min, NASA)

- ARM gravity tractor demonstration (25 min, NASA)

11:00 Coffee Break

11:15 Discussion on SMPAG Working Group on legal issues

- Status and nominated participants (L. Drube)

- Participants from SMPAG

- Agreement on composition of legal WG

- Next steps (telecon, first full meeting)

Continuity of SMPAG secretary function

Procedure for change of membership of delegations

Next SMPAG meeting (date, location)

13:00 Lunch

14:00 Status Report of work plan items (work item leaders)

5.1 Criteria and thresholds for impact response actions (NASA)

5.2 Mitigation mission types and technologies to be considered (UKSA)

5.3 Mapping of threat scenarios to mission types (ESA)

5.4 Reference missions for different NEO threat scenarios (ASI)

5.5 A plan for action in case of a credible threat (NASA/IAA)

15:15 Coffee Break

15:30 Status Report of work plan items, continued

5.6 Communication guidelines in case of a credible threat (NASA)

5.7 Roadmap for future work on planetary defense (DLR)

5.9 Criteria for deflection targeting (ROSA)

5.11 Toolbox for a NEO characterisation payload (CNES)

Revisit of WP items without leader

Discussion of work plan

AOB

16:30 Preparation of Summary Report

17:00 End of Meeting