

SPINE Workshop Wednesday 7th March 2012

Newton II lecture theatre, ESTEC

- 09:00 Welcome and introduction (A.Hilgers, ESTEC)
- 09:15 ESA upcoming tender activities (D.Rodgers, ESTEC)
- SPIS developments
- 09:30 SPIS SCIENCE progress (ONERA)
- 10:20 SPIS ELSHIELD activity (ONERA)
- 10:50 SPIS-GEO progress (Artenum)
- 11:15 Coffee
- 11:40 Improvements in SPIS in the frame of AISEPS (M.Wartelski, Astrium F)
- Research studies
- 12:00 New electric propulsion technologies investigation by simulation (M.Merino, UPM)
- 12:20 Electrodynamic tether testing and simulation (BETS) (ONERA)
- 12:40 Smart1 CRP predictions vs solar array rotation with SPIS (M.Wartelski, Astrium F)
- 13:00 Lunch
- 14:00 LEO auroral charging analysis for the Sentinel 2 satellite (C.Imhof, Astrium D)
- 14:20 SPIS applications for HPH.com (G.Markelov, AOES)
- 14:40 Probe current collection simulation for SPIS validation (C.Hanberg, ESTEC)
- 15:20 DICTAT update for Jovian missions (D.Rodgers, ESTEC)
- R&D requirements for Technical Dossier
- 15:40 Free discussion on R&D requirements (Chair: A. Hilgers, ESTEC)