

## Session summary

### Session 10 –New Applications: Space Debris

- totally 3 oral and 2 posters submitted
- New agency for the laser ranging for the “Precision orbit determination and remote manoeuvre of space debris” has been established (EOS, ANU, NICT, Lockheed Martin,..)
- new technique of space debris laser ranging : multi-static operation has been presented and the promising results of Envisat multi-static laser ranging have been demonstrated
- the possibility to adopt conventional slr system to SD tracking by inclusion of NdYAG fundamental wavelength was presented.
- the comparison of various wavelengths of 532; 1064 and an eyesafe 1540 nm was presented. The use of an eyesafe wavelength seems to be optimal.