



5TH SPACE DEBRIS STUDENT OPPORTUNITIES WORKSHOP: NEW FRONTIERS FOR DEBRIS OPTICAL OBSERVATION

DECEMBER 14TH, 2018 – 15.00

ROOM 38

**FACOLTA' DI INGEGNERIA CIVILE E INDUSTRIALE
SAPIENZA UNIVERSITA' DI ROMA
VIA EUDOSSIANA 18 - ROMA**

15.00 – 15.15

Welcome address – *Prof. Paolo Gaudenzi*

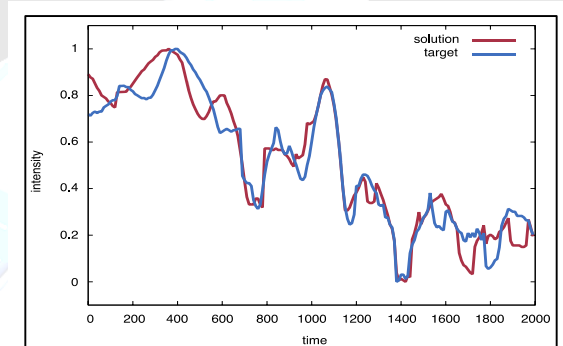
Head, Department of Mechanical and Aerospace Engineering
Sapienza University of Rome

15.15 – 15.40

**Student hands-on activities in the framework of
Space Agencies educational programmes**

Paolo Marzioli

Department of Mechanical and Aerospace Engineering
Sapienza University of Rome

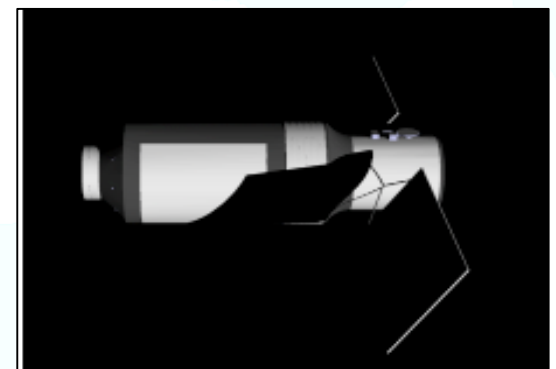


16.05 – 16.30

**Attitude Determination of CubeSats with LEDs;
A Balloon Prototype Experiment**

Prof. Patrick Seitzer

Department of Astronomy, University of Michigan



16.30 – 16.55

**Recent breakup events - challenges related
to sustainability of space activities**

Prof. Thomas Schildknecht

Astronomical Institute (AIUB), University of Bern

16.55 – 17.20

**An optical multi-static observational network
for attitude reconstruction of LED-based
spacecraft and space debris**

Prof. Fabrizio Piergentili

Department of Mechanical and Aerospace Engineering (DIMA)
Sapienza University of Rome

