UNISEC ITALY

Presenter: Prof. Fabio Santoni

5th UNISEC Global Meeting
Rome (Italy), 3rd of December 2017
UNISEC Italy Local chapter

UNISEC and UNISON Italy were established by Sapienza – University of Rome and Alma Mater Studiorum, University of Bologna

During the 3rd UNISEC-Global meeting in Tokyo (July 2015), Italy was accepted as new local chapter
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- **Italian UNISEC Point of Contact:** Prof. Fabio Santoni

- **Universities Representatives**
  - **Rome:** Prof. Santoni
  - **Bologna:** Prof. Tortora
  - **Turin:** Prof. Corpino
2015 Main Activities

- Establishment of the Italian UNISEC Local Chapter
- Start of UNISEC/UNISON Italy activities
- Polytechnic of Turin joined UNISEC Italy
- SpaceUP Rome, the 1st Italian «Unconference»
- SGAC European Student Workshop (Padua)
2015 Main Activities

- **July**
  - Establishment of the Italian UNISEC Local Chapter

- **September**
  - Start of UNISEC/UNISON Italy activities

- **October**
  - Polytechnic of Turin joined UNISEC Italy
  - SpaceUP Rome, the 1st Italian «Unconference»

- **December**
  - SGAC European Student Workshop (Padua)
  - 2nd Annual Space Debris Student Opportunities Workshop (Sapienza – University of Rome)
2016 Main Activities

- Workshop about «The REXUS/BEXUS Programme: hands-on opportunity for Aerospace Students» (Sapienza – University of Rome)

- 4th UNISEC Global Meeting at Kamchia (Bulgaria)
  - Two Italian UNISEC Groups taking part at the 1st De-orbit Device Competition (DDC) and the 4th Mission Idea Contest (MIC)

- SpaceUP Milan, the 2nd Italian «Unconference»

- 3rd Space Debris Student Opportunities Workshop: LEDSAT (Sapienza – University of Rome)
3rd Space Debris Student Opportunities Workshop: LEDSAT
2017 Main Activities

March

• Call for the 1st Italian Pre-5th MIC (Mission Idea Contest)

May

• «Space Debris Conference» in collaboration with the WIA Europe Local Chapter in Rome and the Sapienza’s IEEE Student Branch
“Space Debris Conference”

Lunedì 29 Maggio 2017 - Ore 14:30 - 18:30
SALA DEGLI AFFRESCHI
FACOLTA’ DI INGEGNERIA CIVILE E INDUSTRIALE
UNIVERSITA’ “LA SAPIENZA”
VIA EUDOSSIANA 18 - ROMA
2017 Main Activities

December

• 4th Space Debris Student Opportunities Workshop: LEDSAT (Sapienza – University of Rome) – 1st of December 2017
2017 Main Activities

December

- 4th Space Debris Student Opportunities Workshop: LEDSAT (Sapienza – University of Rome) – 1st of December 2017

- 5th UNISEC Global Meeting (2-4 December 2017) at the Sapienza’s Engineering Faculty in Rome (Italy)
UNISON Italy Student Representatives

MARCELLO VALDATTA
Student representative for University of Bologna

ALICE PELLEGRINO
Italian representative for UNISEC Italy / Student representative for “La Sapienza”, University of Rome

LUIGI MASCOLO
Student representative for Polytechnic of Turin
UNISEC CubeSat Activities

- Spacecraft Design and Development

URSA MAIOR 3U CubeSat

EAGLET 3U CubeSat

IKUNS 6U CubeSat

1KUNS 1U CubeSat
CubeSat Activities

- **LEDSAT 1U CubeSat**

![LEDSAT 1U CubeSat](image)

**ESA Fly Your Satellite! Programme**
Space Debris-related Activities

**SPADE Observatory**
SPAce DEbris Observatory

**EQUO**
EQUatorial Italian Observatory
- On-Ground
- Off-Shore

**MITO**
Mid-latitude ITalian Observatory
UNISEC Italy Future Action Plan
QUESTIONS?

Additional information: Fabio.santoni@uniroma1.it

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