


Brief Biography of Student Representative of 2015

Country	Italy	
Name of Student Rep	Alice Pellegrino	
University/College	Sapienza – University of Rome	
Email Address	alicepellegrino@inwind.it	
Brief Biography	<p>Alice Pellegrino graduated in the Bachelor’s course of Aerospace Engineering at Sapienza, University of Rome (Italy) during March 2015 and she is attending the Master Course in Space and Astronautical Engineering ("Space Remote Sensing" branch) starting from September 2015. Her academic path was focused especially on telecommunications and remote sensing technology, space propulsion and systems, space mission analysis and aerospace structures. During her last year of Bachelor’s course, she had a three-month traineeship at ESRIN, ESA’s centre for Earth Observation, for her final year project, focused on the analyses of the impact and effectiveness of different SAR satellite mission concepts for Arctic monitoring and maritime surveillance. The results obtained during her trainee in ESRIN, as said above, have been presented in her Bachelor's Degree thesis, titled “New satellite mission concepts for Arctic monitoring”.</p> <p>Miss Pellegrino is working on several projects in the Sapienza Space Systems and Space Surveillance Laboratory (S⁵Lab) related to CubeSat missions and Satellites design. In particular, she is involved in the “HORUS CubeSats constellation” mission proposed for The Pre-4th Mission Idea Contest Workshop. Currently, she is having a six-month trainee in a space company, “SAB Aerospace” (Bevento), focused on structural design of aerospace systems and subsystems.</p>	
Research Interests	<ul style="list-style-type: none"> • Radar Remote Sensing techniques; • Future Earth Observation satellite mission concepts; • Satellites – especially nano-micro satellites – design and project; • Launchers and Rockets; • FEM and structural analyses. 	