


## Brief Biography of Student Representative of 2014

Country	Taiwan	
Name of Student Rep	Jordan Vannitsen	
University/College	National Cheng Kung University	
Email Address	jordan.vannitsen@gmail.com	
Brief Biography	<p>Jordan Vannitsen received his <i>Expert in Aeronautical and Space Systems Engineering Degree</i> in 2009 from the Institut Polytechnique des Science Avancées (IPSA), France.</p> <p>During his studies at IPSA, he has created IPS'Action, which is a student organization with the goal of organizing national and international events and visits related to aerospace. Also, he has been an active member of the 3AF (French National Aeronautics and Astronautics organization), RAeS (Royal Aeronautical Society, UK) and member of the board of directors of the French Mars Society.</p> <p>He then obtained his <i>M.S. in Aeronautics and Astronautics</i> from the National Cheng Kung University (NCKU), Taiwan, in 2010.</p> <p>In 2010, he joined the YGT programme of the European Space Agency (ESA) at the European Space Research and Technology Center (ESTEC) and became system engineer on the European Student Earth Orbiter (ESEO) and coordinator of the CubeSats for the VEGA Maiden Flight. He received the <i>2012 ESA Award for Teamwork Excellence</i> for his contribution to the University CubeSats on the VEGA Maiden Flight mission.</p> <p>Since 2012, he is now pursuing a PhD at NCKU. His activities are focused on the system engineering of the PHOENIX CubeSat, which is the NCKU contribution in the international QB50 mission and of the BIRDY CubeSat which is an interplanetary CubeSat to collect radiation data on the way to Mars and back to prepare the future manned missions. His thesis focus on the BIRDY scientific payload for radiations measurements.</p> <p>He promotes international collaboration in space education projects, joins UNISEC-Global related activities and participates to the UNISEC-Taiwan establishment.</p>	
Research Interests	<ul style="list-style-type: none"> <li>• Space system engineering</li> <li>• Interplanetary CubeSats</li> <li>• Space weather</li> </ul>	