

## **EANA2016 - EANA's 6<sup>th</sup> Students Contest**

Thursday September 29, 2016

Chair man: Ralf Moeller  
Co-chair man: Stefan Fox

- 9:00                    begin of Student Contest
- 9:00 – 9:05            welcome (by Ralf Moeller)
- 9:05 – 9:20            Alex Price  
                          "Anaerobic iron oxidation: implications for Mars?"
- 9:20 – 9:35            Keyron Hickman-Lewis  
                          "The search for, and appraisal of, carbon on Mars"
- 9:35-9:50             Mohammad Asif Iqbal  
                          "Surface Attachment of Ribonucleic Acid Monomer on Spinel Ferrite  
                          Nanoparticles: A Prebiotic Chemistry Scenario"
- 9:50-10:05            Bram Mooij  
                          "Raman spectroscopy and imaging methods for the detection of  
                          biomarkers"
- 10:05-10:20           Hannes Lukas Pleyer  
                          "Metalation of a Model Porphyrin in Simulated Primordial Tide  
                          Pools: Possible Prebiotic Formation of Porphyrin-Type Cofactors"
- 10:25-10:45           coffee break (20 minutes)
- 10:45-11:00           Ilenia Maria D'Angeli  
                          "The importance of cave environment for exobiology: a new type  
                          of microbially-mediated unusual helictites found in Asperge  
                          cave (France)"
- 11:00-11:15           Felix Mathias Fuchs  
                          "Floating in space: Influence of simulated microgravity on *B. subtilis*  
                          biofilm formation – An electron microscopic study for whole biofilm  
                          analysis"
- 11:15-11:30           Peter Woolman  
                          "T082-The influence of salt composition on the entombed  
                          microbial community within the deep sub-surface Boulby Mine"

- 11:30-11:45 Sebastian Sjöström  
“Life on Mars: the habitability of extremophilic archaea in simulated Martian conditions”
- 11:45-12:00 Athanasios Papadopoulos  
“Life on the extremes: Lichen-associated bacteria as putative candidates for astrobiological research”
- 12:00-12:15 Camilla Calabrese  
“High Resolution Millimeter Wave Absorption Spectroscopy: from the laboratory data to the astronomical surveys”
- 12:15-12:25 summary and final remarks (by Ralf Moeller)
- 12:30 end of Student Contest