



LUDWIG-  
MAXIMILIANS-  
UNIVERSITÄT  
MÜNCHEN

CRC 235  
EMERGENCE OF LIFE



## December 2019 Graduate School Meeting

When: Wednesday, Dec. 4<sup>th</sup> 2019

Where: New Seminar Room (1.1.18ab) at the Max-Planck Institute for Extraterrestrial Physics in Garching

Time	Event
11:00- 12:30	<i>Guided Visit to ESO-Supernova with Cecilia Scorza</i>
12:30- 13:00	Lunch Break
13:30- 16:30	<i>Biophysics Session of ORIGINS Cluster Science Week</i>  13.30 Alexander Ruf (Aix-Marseille Université) - Molecular reactivity of ices in the protosolar nebula  13.50 Oliver Trapp - When does evolution start at a molecular level?  14.10 Alan Ianeselli (Braun Gr) - Strand separation and replication of oligonucleotides induced by a thermal gradient in a primordial CO <sub>2</sub> atmosphere  14.30 Kristian Le Vay (Mutschler Gr) - Nucleic Acid Catalysis in Potential Prebiotic Environments  14.50 Joachim Rosenberger (Gerland Gr) - Self-assembly of informational polymers via template-directed ligation  15.10 Carsten Donau (Boekhoven Gr) - Dynamic protocells from peptides and RNA  15.30 Keynote: Stephen Mojzsis (University of Colorado, Boulder) - Late accretion to the inner solar system modulated the emergence of life