

664. Wilhelm und Else Heraeus-Seminar on Prebiotic Molecules in Space and Origins of Life on Earth

Monday, 19 March 2018

The first steps toward chemical complexity: from prestellar cores to protoplanetary disks: The first steps toward chemical complexity: from pre-stellar cores to protoplanetary disks. I. (14:30 - 18:30)

time	[id] title	presenter
14:30	[53] Chemical processes and evolution from clouds to disks	VAN DISHOECK, Ewine
15:15	[54] Molecular complexity in star forming regions	BELLOCHE, Arnaud
15:45	[6] Forming Complex Molecules in Early Stages of Star Formation	Prof. HERBST, Eric
16:15	Coffee break and posters	
17:00	[14] THE CHEMICAL AND PHYSICAL STRUCTURE OF THE HOT MOLECULAR CORE G31.41+0.31	BELTRAN, Maite
17:15	[2] Carbon-chain growth in the Solar-type protocluster OMC-2 FIR4	FONTANI, Francesco
17:30	[11] From One to Two Dimensional Interstellar Carbon: A Synthesis of Laboratory, Observations, and Theory	MCGUIRE, Brett

Tuesday, 20 March 2018

The first steps toward chemical complexity: from prestellar cores to protoplanetary disks: The first steps toward chemical complexity: from pre-stellar cores to protoplanetary disks. II. (09:00 - 13:00)

time	[id] title	presenter
09:00	[55] Gas phase chemistry and molecular complexity: how far do they go?	BALUCANI, Nadia
09:45	[47] Chemical Complexity in Pre-stellar Cores	JIMENEZ-SERRA, Izaskun
10:15	[56] Formation of interstellar complex molecules on dust grains	DULIEU, Francois
11:30	[5] Protostellar shocks as factories of interstellar complex organic molecules	CODELLA, Claudio
11:45	[17] Chemical modelling of formamide and methyl isocyanate in star-forming regions	Dr QUÉNARD, David
12:00	[46] Complex molecules in PDRs and protoplanetary disks	GUZMAN, viviana
12:15	[27] The warm molecular region below the UV-shielded layer in disk atmospheres	ADAMKOVICS, Mate