



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

### Monday, March 19, 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. (2:30 PM - 6:30 PM)**

time	[id] title	presenter
2:30 PM	[53] Chemical processes and evolution from clouds to disks	VAN DISHOCK, Ewine
3:15 PM	[54] Molecular complexity in star forming regions	BELLOCHE, Arnaud
3:45 PM	[6] Forming Complex Molecules in Early Stages of Star Formation	Prof. HERBST, Eric
4:15 PM	Coffee break and posters	
5:00 PM	[14] THE CHEMICAL AND PHYSICAL STRUCTURE OF THE HOT MOLECULAR CORE G31.41+0.31	BELTRAN, Maite
5:15 PM	[2] Carbon-chain growth in the Solar-type protocluster OMC-2 FIR4	FONTANI, Francesco
5:30 PM	[11] From One to Two Dimensional Interstellar Carbon: A Synthesis of Laboratory, Observations, and Theory	MCGUIRE, Brett

## Tuesday, March 20, 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. (9:00 AM - 1:00 PM)

time	[id] title	presenter
9:00 AM	[55] Gas phase chemistry and molecular complexity: how far do they go?	BALUCANI, Nadia
9:45 AM	[47] Chemical Complexity in Pre-stellar Cores	JIMENEZ-SERRA, Izaskun
10:15 AM	[56] Formation of interstellar complex molecules on dust grains	DULIEU, Francois
11:30 AM	[5] Protostellar shocks as factories of interstellar complex organic molecules	CODELLA, Claudio
11:45 AM	[17] Chemical modelling of formamide and methyl isocyanate in star-forming regions	Dr QUÉNARD, David
12:00 PM	[46] Complex molecules in PDRs and protoplanetary disks	GUZMAN, viviana
12:15 PM	[27] The warm molecular region below the UV-shielded layer in disk atmospheres	ADAMKOVICS, Mate