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The Department of Chemistry and Biochemistry
&
The Department of Physics

Present a Joint Seminar Entitled:

"A Tour of the Molecular Universe"

Presented by:

Dr. Christopher Shingledecker

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To date, more than 200 different molecular species, in addition to a large number of isotopologues, have been detected in the interstellar medium (ISM). These species range from the very simple, such as molecular hydrogen, to the more complex, such as C_{60} (buckminsterfullerene), the aromatic molecule benzonitrile, and perhaps even biochemical monomers like amino acids. In this talk, I present an overview of our current knowledge of this molecular universe, and discuss both how these molecules might have formed under extreme astrophysical conditions, and what these species can tell us about the ISM, planet formation, and the origin of life.

Tuesday, October 22, 2019 @ 3:00 p.m. in OCNPS 200