

COLLOQUIUM

CRC 1601 – HABITATS OF MASSIVE STARS ACROSS COSMIC TIME

VENUE:

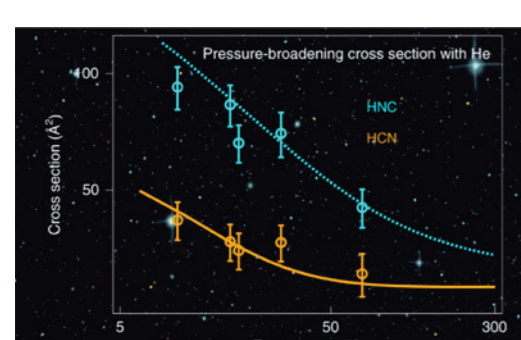
University of Cologne, Physics Institutes, Lecture Hall III, 3:00 pm



April 8, 2024 – Olivier Berné

CNRS, IRAP Research Institute in Astrophysics and Planetology, Toulouse, France

Illuminating planet formation: the role of ultraviolet radiation from massive stars in the physics and chemistry



April 15, 2024 – Brian Hays

Univ. Lille, CNRS, UMR 8523 – PhLAM – Physique des Lasers Atomes et Molécules, France

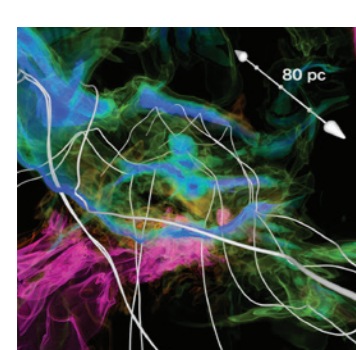
Dynamic rotational spectroscopy to investigate gas phase molecular processes relevant to the interstellar medium



April 22, 2024 – Anthony Whitworth

Theoretical Astrophysics, CHART, School of Physics & Astronomy, Cardiff University, UK

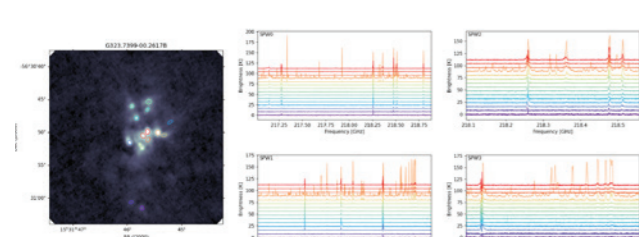
A Star Is Born



April 29, 2024 – Daniel Seifried

I. Physics Institute, University of Cologne

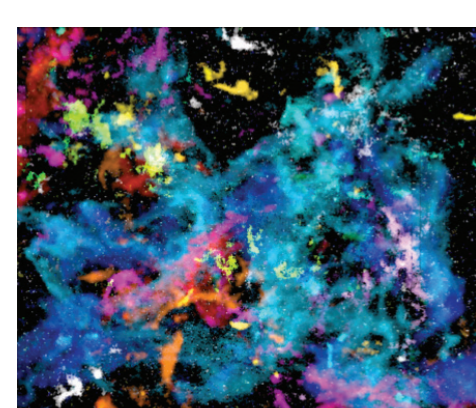
Magnetic fields & Chemistry in 3D, ISM simulations



May 6, 2024 – Peter Schilke, Beth Jones

I. Physics Institute, University of Cologne

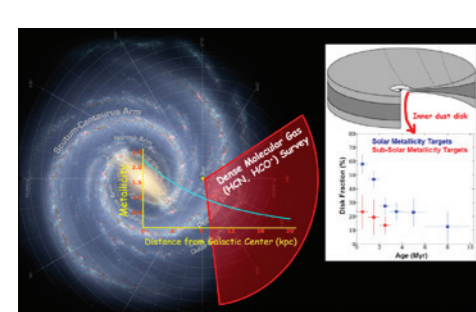
A census of high-mass star-forming regions in the Galaxy with ALMAGAL



May 13, 2024 – Agata Karska, Dario Colombo, Eleonore Dann

Max Planck Institute for Radio Astronomy, Bonn; Argelander Institute for Astronomy, University of Bonn; I. Physics Institute, University of Cologne

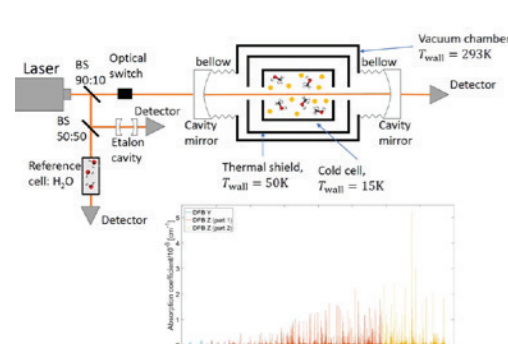
The outer Galaxy: structure, star formation, and chemistry



May 27, 2024 – Sudeshna Patra

Indian Institute of Science Education and Research (IISER), Tirupati, India

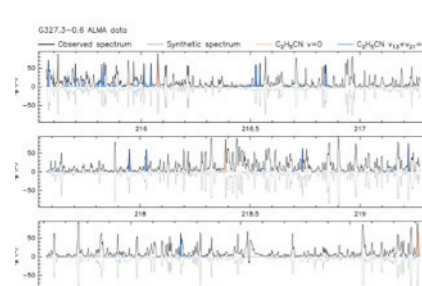
The Outer Milky Way: Laboratory for the Effects of Metallicity



June 3, 2024 – Clément Lauzin

Université catholique de Louvain, Belgium

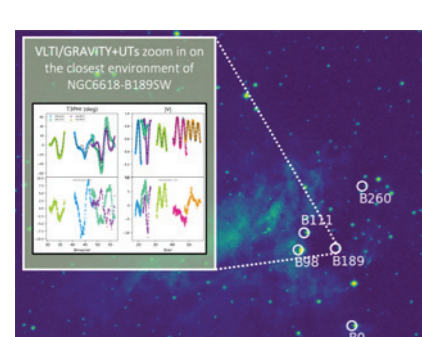
High-resolution spectroscopic measurements on methanol and other reference molecules for fundamental physics, chemistry and astrophysics.



June 10, 2024 – Sven Thorwirth

I. Physics Institute, University of Cologne

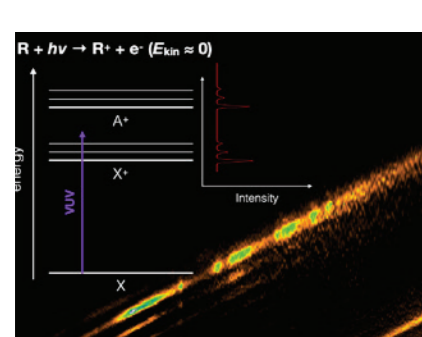
Spectroscopy of vibrationally excited COMs for radio astronomy



July 8, 2024 – Emma Bordier

I. Physics Institute, University of Cologne

On the origin of companions around massive O-type stars: the high angular resolution view



July 15, 2024 – Bérenger Gans

Institut des Sciences Moléculaires d'Orsay, CNRS & University of Paris-Saclay, France

Investigation of interstellar radical photoionization by VUV photoelectron spectroscopy