

# Frontiers in Star Formation

A conference in honor of Dr. Richard Larson

## INVITED SPEAKERS:

Romeel Davé (University of Arizona)  
Neal Evans (UT Austin)  
Alyssa Goodman (Harvard-CfA)  
Mark Krumholz (UC Santa Cruz)  
Avi Loeb (Harvard-CfA)  
Mordecai-Mark Mac Low (AMNH)  
Massimo Stiavelli (STScI)  
Pieter van Dokkum (Yale University)  
Alberto Bolatto (University of Maryland)  
Ian Bonnell (University of St. Andrews)  
Kevin Covey (Cornell University)  
Michael Dunham (Yale University)  
Eli Dwek (NASA GSFC)  
Andrés Escala (Universidad de Chile)  
Reinhard Genzel (MPE / UC Berkeley)  
Simon Glover (University of Heidelberg)  
Thomas Greif (MPA / Harvard-CfA)  
Zoltan Haiman (Columbia University)  
Dusan Keres (UCSD)  
Kaitlin Kratter (Harvard-CfA)  
Stella Offner (Yale University)  
Eve Ostriker (University of Maryland)  
Dominik Riechers (CalTech)  
Matt Turk (Columbia University)  
Sylvain Veilleux (University of Maryland)



Recent improvements in existing radio and millimeter interferometers, new instruments installed on the Hubble Space Telescope (HST), and space-based IR telescopes (Spitzer and Herschel) have allowed unprecedented studies of star formation over a vast range of scales. The sensitivity and resolution that will be achieved with both the Atacama Large Millimeter Array (ALMA) and the James Webb Space Telescope (JWST) will revolutionize the field, from observations of the first galaxies to detailed studies of protostars in the Milky Way. In recent years, numerical simulations of the formation of the first stars, the evolution of molecular clouds and the impact of stellar feedback effects have made significant progress. It is certainly a golden age for star formation studies. The goal of this meeting is to bring together observers and theorists in the field of star formation, at all cosmic scales, to discuss the latest discoveries and the exciting research that will be conducted in the near future. In so doing, we will celebrate Richard Larson's great contributions to this field.

## Scientific Organizing Committee

Hector Arce (Yale), Volker Bromm (UT Austin), Paolo Coppi (Yale), Neal Evans (UT Austin), Alyssa Goodman (Harvard-CfA), Mordecai-Mark Mac Low (AMNH), Chris McKee (UC Berkeley), Priya Natarajan (Yale), Hans Zinnecker (SOFIA)

## Local Organizing Committee

Hector Arce (Yale), Volker Bromm (UT Austin), Paolo Coppi (Yale), Jeff Kenney (Yale), Bob Zinn (Yale)

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Yale University, New Haven, CT

*Hosted by the Yale University Astronomy Department*

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