

**Galaxies Aren't Great
at Making Stars**

A Lecture by Matt Orr

Friday, February 23rd, 7:00PM

Cahill Center for Astronomy and Astrophysics
California Institute of Technology

For nearly 100 years, we have known about the existence of galaxies other than our own Milky Way, but only since the late '50s have we known about the rate of star formation in our own galaxy. Only since the late '80s have we had any idea of how well those other galaxies produced stars. It turns out galaxies are terrible at their only job: making stars. They are about 50 times worse at star formation than we might expect, why? Feedback from hot young stars, violent stellar explosions, and how cold-ish gas behaves in galaxies give us some clues.

These are free lectures at a public level followed by guided stargazing with telescopes (weather permitting). All events are held at the Cahill Center for Astronomy and Astrophysics at Caltech. No reservations are needed. Lectures are 30 minutes, stargazing lasts 90 minutes. Stay only as long as you want.

For directions, parking, weather updates, and more information, please visit:

<http://outreach.astro.caltech.edu>