



Astronomers of Humboldt

Annual Potluck Dinner

Saturday February 22, 2025
5:00 to 9:00 p.m.
Eureka Woman's Club
1531 J Street
Eureka, CA 95501

Members and friends of the Astronomers of Humboldt and their guests are invited to participate in the Annual Astronomers of Humboldt Potluck. Meet and Greet at 5:00; Dinner (bring a dish to share and utensils and non-alcoholic beverages for yourself and guests) at 6:00; Talk at 7:30.

Guest Speaker:

Dr. Susan Terebey has taught Astronomy at Cal State Los Angeles since 2001. She earned a B.A. in physics from U.C. Santa Cruz in 1977 and a Ph.D. in astronomy from U.C. Berkley in 1984. She has held numerous postdoctoral fellowships at observatories in Boulder and Owens Valley, and at the Canadian Institute of Theoretical Astrophysics in Toronto. Prior to her arrival at Cal State L.A. she held various research positions at Caltech and in upstate New York. Her astronomical research focuses on stellar and planetary formation.



"Origins: From Stars to Planets"

Protostars are the earliest stage of a young star's life. Nearby star forming regions are full of young protostars surrounded by swirling disks of gas and dust. These disk are the birthplaces of planets. In this presentation we will first look at our Solar System for clues to how planets form. Then we consider key science questions.

- Mass is destiny for a protostar: How do we measure its mass?
- Molecules are mostly frozen onto dust grains in the cold gas: What are the best molecules to search for?
- Molecules relevant to life are inherited from the cloud, and potentially end up on planets like Earth: Do molecules survive when they fall onto the circumstellar disk?