

Marin Science Seminar presents

We are Stardust

Genesis of the Elements

with Mary Barsony Ph.D. of San Francisco State University & S.E.T.I.



A one-hour multimedia presentation for High School Students & Teens

Wednesday, March 27th, 2013

7:30 – 8:30 pm

Terra Linda High School, Room 207
320 Albion Way, San Rafael, CA 94903

Door Prizes,
Astro-Swag,
Knowledge!

One of the fundamental goals of astronomy and astrophysics is to understand how the Universe and its galaxies, stars, and planets formed, how they evolved, and what their destiny will be. Dr. Barsony's research is focused on the formation of stars, brown dwarfs, free-floating planets, & planetary systems. The raw material is provided by interstellar gas found in frigid clouds in our Galaxy. Since the present birthplaces of stars are hidden by interstellar dust mixed with gas, exploring the mechanisms involved in star (& planetary system) formation requires observations at wavelengths whose passage is relatively unimpeded by the dust: radio, millimeter, submillimeter, infrared, and X-ray wavelengths. Dr. Barsony will also discuss how stars shine and how they have generated the elements.

Dr. Barsony is Adjunct Professor of Physics & Astronomy at San Francisco State University and a Research Scientist at the Carl Sagan Center for the Study of Life in the Universe, SETI Institute in Mountainview. She earned her Ph.D. from Caltech and her S.B. from MIT.

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