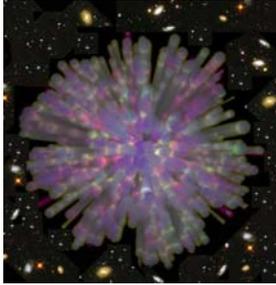
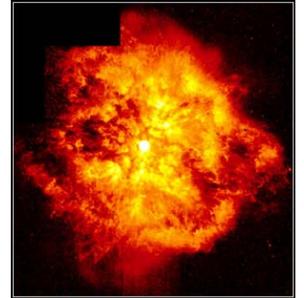




The Discovery Institute together with the Central Coast Astronomical Society are pleased to present the **Science in Our Community Lecture Series**



“The Big Bang: What It Is and Why Astronomers & Physicists Think It Happened ”
by



Dr. Ray Weymann – Astronomer/Teacher
and Dr. Jodi Christiansen – Professor/Researcher

Saturday, January 19th, 2008
7:00 – 9:00 p.m.
Cuesta College, Science Forum 2401 Bld.
(Handicapped Accessible)

Please join us for an intriguing evening as we take a memorable journey through the life of our universe. The “Big Bang Theory” is the dominant scientific theory about the origin of the universe. According to the big bang, the universe was created sometime about 14 billion years ago from a cosmic event which will be explained in the presentation. This left us with an expanding universe that involves mind boggling magnitudes of time, space, and energy. Junior high and high school students are especially encouraged to attend with their parents and teachers.

“For every one billion particles of antimatter there were one billion and one particles of matter. And when the mutual annihilation was complete, one billionth remained - and that’s our present universe.”
Albert Einstein

Dr. Weymann is a retired astronomer with 40 years experience at major universities and observatories in teaching and research. His research interests have varied from the history of the early expanding universe to the atmospheres of stars, and combines numerical calculations and observations with some of the world’s most powerful telescopes, including the Hubble Space Telescope. Since moving to Atascadero his interests have turned to public education about science for adults and students, and he tutors students in advanced math courses at Atascadero High School.

Dr Jodi Christiansen is a physics professor at Cal Poly. She became interested in the structure of matter as a graduate student where she studied the interactions of quarks and was one of the authors on the paper that discovered the top quark. After her PhD she adapted the methods of particle physics to astrophysical sources and has studied black holes and dark energy in the early universe. She is currently searching for cosmic strings, relics predicted by some theories of the early universe..

NOTE: Park in parking lot 5 and you shouldn’t be ticketed.

Refreshments will be served.
Donations to support local community programs in science, technology, engineering and mathematics are appreciated. Our dream is to achieve the development of the San Luis Obispo Discovery Center.

The Discovery Institute for the Advancement of Science and Technology Education is a public benefit 501(c)(3) non-profit educational foundation.

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