

COLUMBIA ASTRONOMY OUTREACH PRESENTS:

STARGAZING & LECTURE SERIES

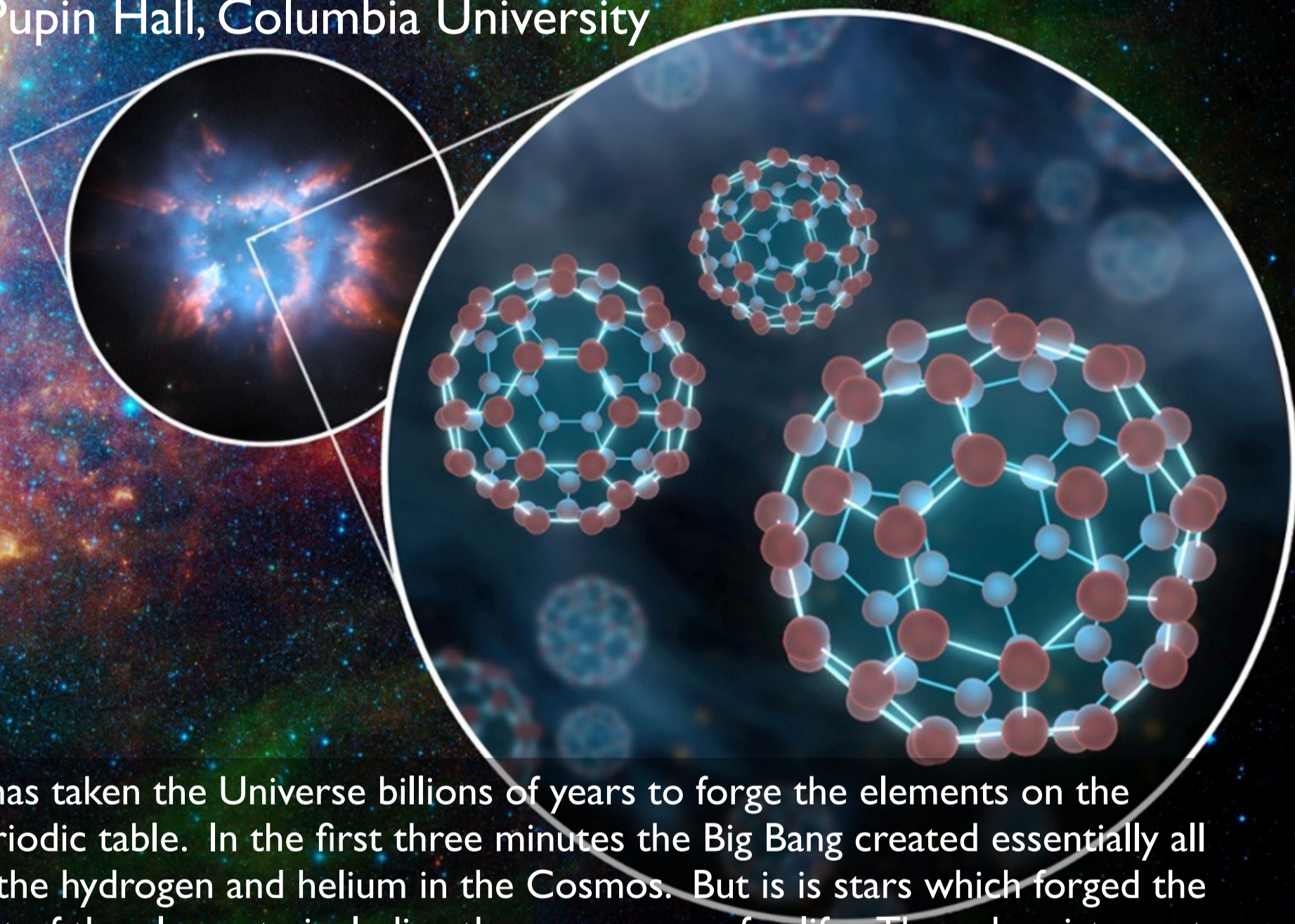


The Cosmic Origins of the Chemicals of Life

Daniel Wolf Savin

Friday, November 4th, *7:00PM*

Pupin Hall, Columbia University



It has taken the Universe billions of years to forge the elements on the periodic table. In the first three minutes the Big Bang created essentially all of the hydrogen and helium in the Cosmos. But it is stars which forged the rest of the elements, including those necessary for life. Then chemistry put them together. Join me as I describe this chemical pathway towards life and our laboratory studies simulating the cosmic origins of organic chemistry.

These are free lectures at a public level followed by guided stargazing with telescopes (weather permitting). All events are held at Pupin Hall at Columbia University. No reservations are needed. Lectures are 30 minutes, stargazing lasts 90 minutes. Stay only as long as you want.

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

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