



Steven Benner
FfAME
Tue, 10/4, 4pm
Chemistry of Life



James Kasting
Penn State
Wed, 10/26, 2pm
Is the Earth rare?



Victoria Meadows
Univ. Washington
Thu, 11/3, 4pm
Biosignatures



Jonathan Fortney
UC Santa Cruz
Wed, 11/9, 2pm
Exoplanet structure



Seth Shostak
SETI
Mon, 11/28, 4pm
SETI

Fall 2011 Seminar Series

Origins @ Yale

Kline
Geology
Laboratory
Room 123



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Join us for a series of interdisciplinary talks on origins, drawing together the broad range of expertise of faculty, researchers and students.

exoplanets.astro.yale.edu/science/origins

The discovery of hundreds of "exoplanets" (planets orbiting other stars) has energized scientific research on:

- the formation and evolution of life,
- extremophile biology,
- the formation of planets,
- evolution of atmospheres,
- planet interiors, plate tectonics, the importance of magnetic fields as shields from solar particles,
- acquisition of volatile elements & retention of surface water,
- and the search for Earth-like planets.

It is quite possible that in the next decade, astronomers will find the first evidence for life on other planets.