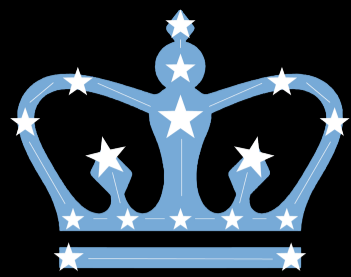


COLUMBIA ASTRONOMY OUTREACH PRESENTS:



STARGAZING & LECTURE SERIES

The Signatures of Other Civilizations

David Kipping

Friday, November 16th, 7:00PM

Pupin Hall, Columbia University

When we look at the stars, it's natural to wonder who else might inhabit the cosmos. For years we've searched the skies for radio transmissions from other civilizations yet we have found no convincing signals. Given that humanity is already becoming radio quiet, perhaps other advanced civilizations should be sought using different methods. The field of technosignatures pulls on this thread, asking what other types of observations might betray the presence of a technological civilization. I'll discuss some of the ideas put forward to look for our neighbors, what limits we have to date from such efforts and what the future holds for this new field of astronomy.

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>