

Princeton University
Department of Astrophysical Sciences

Announces the

2004 Lyman Spitzer, Jr. Lecture Series

*The Spitzer Space Telescope:
The Decade of the Infrared Begins*

Presented by

MARCIA RIEKE
Steward Observatory

General Astronomy Colloquium*

Tuesday, May 11th

4:15 p.m.
Peyton Hall Auditorium

“Early Results from the Spitzer Space Telescope”

The first observing programs being executed by the Spitzer Space Telescope include multi-color surveys of the mid- and far-infrared sky. The Chandra Deep Field South survey with a depth close to the confusion limit and a shallower survey of the NOAO Deep Wide Field are used to examine number counts, x-ray correlations, and preliminary looks at optical identifications. Other categories of early observations include nearby galaxies whose study is relevant to a detailed understanding of infrared emission mechanisms in galaxies.

Lectures
Peyton Hall Auditorium

Lecture 1:	Wednesday, May 5	2:00 p.m.	<i>Modeling the Infrared Sky</i>
Lecture 2:	Friday, May 7	2:00 p.m.	<i>Detectors for Spitzer and the James Webb Space Telescope</i>
Lecture 3:	Monday, May 10	2:00 p.m.	<i>The Promise of the JWST Part One: Science Goals</i>
Lecture 4:	Thursday, May 13	2:00 p.m.	<i>The Promise of the JWST Part Two: The Telescope and the Instruments</i>

**Refreshments will be served immediately following the Colloquium in the Peyton Hall Reception Area*