



UC SANTA BARBARA
Kavli Institute for
Theoretical Physics

presents

Café KITP



1221 State St. #205
Santa Barbara, CA 93101

Dark Matter: Discovering the Invisible Universe

Tuesday
April 15

6 PM - 7 PM

Doors at 5 PM



Ordinary matter is everything familiar to us—stars, planets, people—but about 85% of all matter is actually invisible, neither emitting light nor interacting through almost any known forces of nature. We infer dark matter's existence only through the profound gravitational influence it exerts on the cosmos. Scientists realized over a century ago that dark matter exists, yet understanding what it is made of and what laws of physics govern it remain among the greatest unsolved puzzles in physics. **KITP Postdoctoral Scholar Amalia Madden** will explore the compelling evidence for dark matter, discuss why understanding it is essential to uncovering the history of our Universe, and share how researchers today are designing innovative experiments to reveal its hidden nature.

*Seating is first-come, first-served. Food & drinks will be available for purchase.
For more information, please contact: friends@kitp.ucsb.edu*