



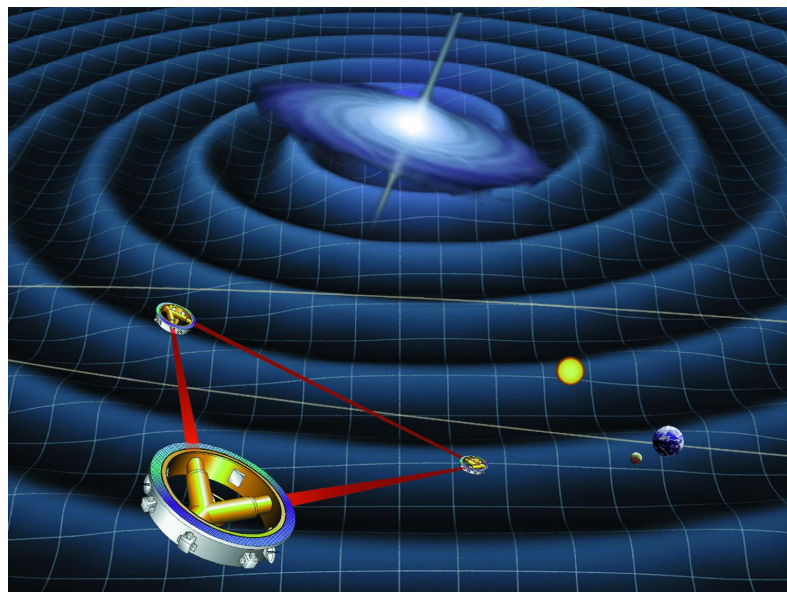
Channel Islands
CALIFORNIA STATE UNIVERSITY
DIVISION OF ACADEMIC AFFAIRS

CSUCI's Mathematics Department presents:

Exploring the universe with Gravitational Waves

A talk by **Brittany Kamai**, PhD

Monday, February 11th (2019), 4:30-5:30PM in SIE 2411



Abstract: Massive objects out in our universe create distortions in the fabric of space-time - gravitational waves - that we can measure here on earth. These waves propagate to and through our planet at such tiny levels, that in order to detect them we need incredibly precise detectors. In my talk, I will discuss the LIGO experiment along with recent discoveries of black holes and neutron stars merging into one another. I will discuss how we make predictions of these systems along with the work that goes into building these intricate detectors.

Refreshments will be served.

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