



ICTP-SAIFR DISTINGUISHED PUBLIC LECTURE



THE HISTORY OF OUR UNIVERSE, A WORK IN PROGRESS



PROF. MATIAS ZALDARRIAGA
IAS, Princeton

Cosmology is at its heart a historical science. We are trying to reconstruct the history of our Universe from fossils we manage to recover. We use the known laws of physics to interpret those fossils but we are forced to speculate about extensions to the laws we have tested in the laboratory when the fossils we find are extremely old. The goal of my talk today is to discuss the status of our quest to reconstruct this history and report on what we might expect to learn from the next generation of cosmological observations.

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19h30

Auditorium of IFT-UNESP
R. Dr. Bento Teobaldo Ferraz,
271, bloco 2, 4th floor,
Barra Funda, São Paulo - SP

