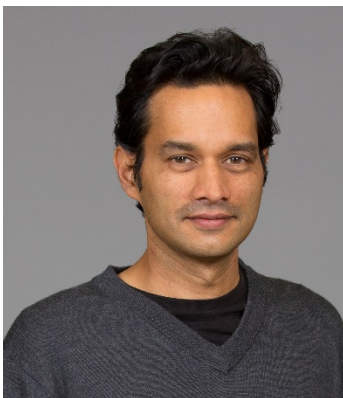

LSA Biophysics Seminar
Featuring



Associate Professor Rhiju Das
Department of Biochemistry
Stanford University

“Towards RNA structure/function from scratch”

Abstract:

Dr. Das’s lab develops and tests high-resolution computational approaches for modeling and designing RNA molecules and their complexes. He will present recent work that includes near-atomic-accuracy models in community-wide structure prediction challenges and first blind tests for predicting the ‘nearest neighbor’ energies of RNA folding. Dr. Das will also describe recent progress in design of biomedically relevant RNA molecules through the Eterna massive open laboratory. This project couples a 100,000-player videogame to the lab’s massively parallel experimental tools.

Friday, March 17, 2017
4:00 p.m. - 5:00 p.m.
Room 1300 Chemistry