SPECIAL Seminar

Friday, April 13, 2018 @ 12pm
Pierce 209

Ted Sargent
University of Toronto

Engineered nanomaterials and devices for light sensing, optical sources, and energy storage

Innovations in materials chemistry have enabled impressive control over size, monodispersity, shape, and surface chemistry of nanoparticles, including colloidal quantum dots, reduced-dimensional perovskites, and metal nanoparticles. I will discuss advances in photodetectors and infrared cameras (including the story of InVisage Technologies), solar cells and light emitters, and CO2 reduction electrocatalysts built using control at the nanoscale in such materials.

Ted Sargent is a Visiting Distinguished Scholar at the Rowland Institute at Harvard

Host: Prineha Narang