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MONDAY, MAY 4TH



Dr. Manu Prakash

Stanford University

4:00 PM in TH 411

Refreshments served at 3:50 PM

Curiosity, Frugal Science and Global Health:
Opportunities and Challenges



Abstract:

Somebody once said, "What a damn fool can do for a dollar, an engineer can do for a nickel." Thinking about cost as an engineering constraint brings new life to ideas. This is what makes the difference between an idea influencing a hundred people or a billion. With our planet literally teeming with problems, it's time to take cost constraints into serious consideration. As physicists, we like to make stuff. We use these skills (and field work) to design solutions for extremely resource constrained settings, specially in the field of global health. I will discuss our current work, from field diagnostics to high-throughput vector ecology and hands on science education.