



# LAUFER CENTER

FOR PHYSICAL AND QUANTITATIVE BIOLOGY



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## Seminar

### Bacteria, stem cells and fruit flies: a physicist in biology

It is an exciting time for physicists to contemplate life. As the most fascinating, the most complex, and (arguably) the most fundamental phenomena in nature, living systems provide us endless sources of imagination, theory, application and future possibilities. I will share with you my own excitement by telling you three stories of my research. The first is a classic problem of bacteria growth: sequential versus co- utilization of nutrients. The second is a theory of today's "hot" biotechnology: stem cell reprogramming. The third is about how artificial intelligence might help us to understand life.

Friday, October 11, 2019

2:30 PM

Laufer Center Lecture Hall 101

Host: Jin Wang

Refreshments following the  
seminar Laufer Hub 110