

February 27, 2013

Nathalie Balaban

The Racah Institute for Physics
*Understanding the Variability of Growth in
Single Cells: From Bacteria to Mammalian Cells*

March 6, 2013

Christopher Roberts

The University of Delaware
*Mechanisms and Engineering to Control Aggregation of
Therapeutic Proteins*

March 13, 2013

Patrick Doyle

Massachusetts Institute of Technology
*Synthesis and Applications of Complex Microparticles
Using Microfluidic Devices*

April 3, 2013

Ah-Hyung Alissa Park

Columbia University
*Towards Sustainable Energy: Carbon Capture,
Utilization and Storage (CCUS)*

March 27, 2013

Dudley A. Saville Lecture

Hang Lu

Georgia Institute of Technology

*Microtechnologies for High-throughput
High-content Developmental Biology and
Neurogenetics*

Location: Friend Center, FC 113 Convocation Room

April 10, 2013

Heinrich Jaeger

The University of Chicago
*Granular Streams as Sensitive Probes of
Interparticle Forces*

April 17, 2013

Christopher Ellison

The University of Texas at Austin
*Manipulating Polymers with Light Activated
Chemistries for Patterning Films and Manufacturing
Fibers*

April 24, 2013

Zhigang Suo

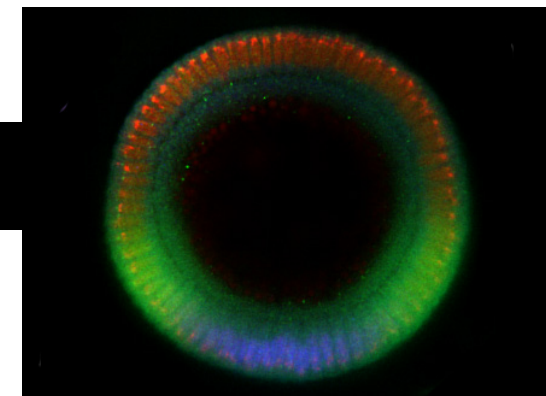
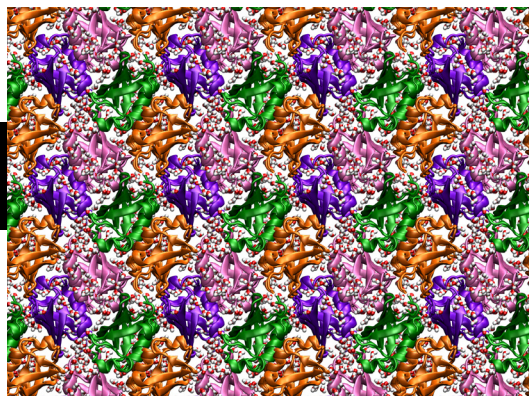
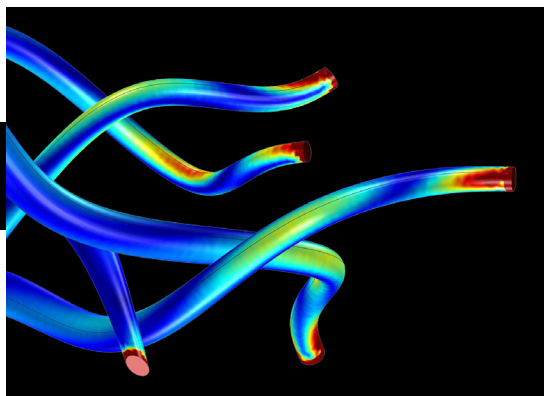
Harvard University
Soft Active Materials and Soft Machines

May 1, 2013

Michael Levin

Tufts University
*Endogenous Bioelectric Determinants of Growth
and Form: Molecular Mechanisms and Biomedical
Opportunities*

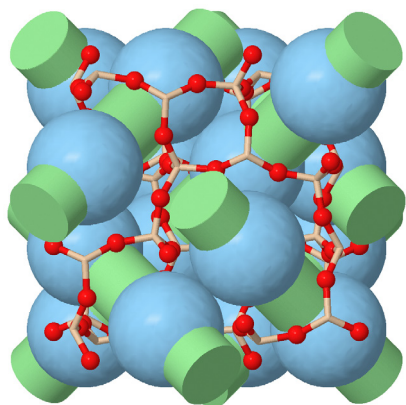
For more information please visit www.princeton.edu/cbe



Key Message

Human health, energy production, innovation in materials – the broad areas of research at Princeton University's Department of Chemical and Biological Engineering reflect pressing societal needs. They are complex and challenging problems that demand a diversity of viewpoints from the most accomplished and creative people in many fields. That is the motivation behind our spring lecture series. We are proud to bring together this spring outstanding speakers from around the world as outlined in this booklet.

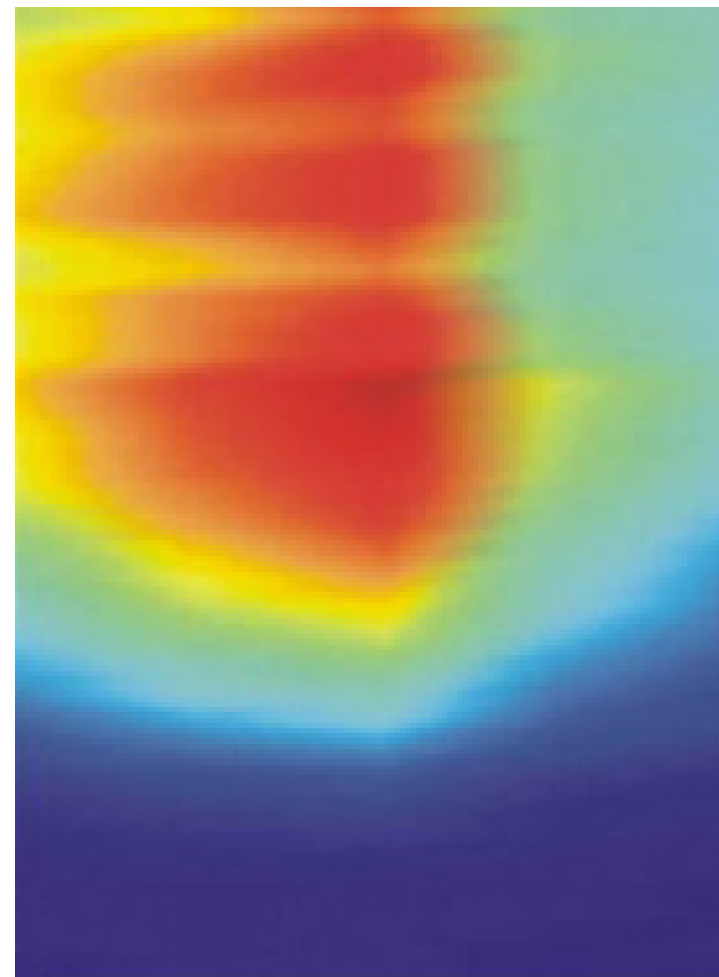
Please join us. The vibrant conversations sparked by these talks have proven time and again to yield fruitful new lines of research and collaborations that have lasting benefits for society.



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Chemical and Biological Engineering



**2013
CBE Spring
Seminar Series**