

LECTURES at the LEADING EDGE

Chemical Engineering and Applied Chemistry | University of Toronto

2017

September 20

Irving O. Shoichet
Distinguished Lecture

FRANCES ARNOLD

California Institute of Technology
**Innovation by Evolution:
Bringing New Chemistry to
Life**

October 4

DAVID DREISINGER

University of British Columbia

**The Role of
Hydrometallurgy in Meeting
the Supply Chain for Life in
the 21st Century**

November 22

WILLIAM SAMPSON

University of Manchester

**Optimising
Structure-Property
Dependencies of Stochastic
Materials by Probabilistic
Modelling**

October 18

KATHLEEN STEBE

University of Pennsylvania

**Curvature Directed
Assembly of Colloids at
Interfaces**

December 6

JULIA KORNFIELD

California Institute of Technology

Megasupramolecules

2018

January 10

PHILIP JESSOP

Queen's University

CO₂-Switchable Materials

February 28

SANJAY SARMA

*Massachusetts Institute of
Technology*

**Rethinking Education for
the 21st Century**

March 28

**KRISTALA JONES
PRATHER**

*Massachusetts Institute of
Technology*

**Metabolite Valves: Dynamic
Control of Metabolic Flux
for Pathway Engineering**

January 17

PETER ADRIAENS

University of Michigan

**CleanTech Meets FinTech: A
Data-Driven e-Ship
Disruption in
Environmental Engineering**

March 7

2017-18 AEESP

Distinguished Lecture

*Co-hosted by Engineering Departments
at the University of Toronto, York
University, and Ryerson University*

PEDRO ALVAREZ

Rice University

**Proliferation and Control of
Multidrug-Resistant
“Superbugs” in Sewage
Treatment Plants**

All seminars will be held at 12:00 pm in WB 116, 200 College Street, Toronto, ON.



Chemical Engineering & Applied Chemistry
UNIVERSITY OF TORONTO

LECTURES AT THE LEADING EDGE are supported by
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