

2003 봄학기의 화공과 세미나 계획

2003 봄학기의 화공과 세미나 계획입니다.

지난 학기에 주로 Bio에 편중된 주제가 많았으나 이번엔 좀더 다양한 주제를 다루고 있는 것 같습니다.

Monday, Jan. 27

3:30 pm Ms. Hang Lu, PhD candidate, Massachusetts Institute of Technology

"Microfabricated Devices for Bioanalysis - from Cellular to Molecular Scale"

Friday, Jan 31

1:00-5:30 pm

"Biomolecular Engineering: A Symposium in honor of John A. Quinn"

Speakers include :

Stephen L. Matson (WPI);

Daniel A. Hammer (UPenn);

Eric T. Boder (UPenn);

Douglas A. Lauffenburger (MIT);

John L. Anderson (CMU);

Dennis E. Discher (UPenn);

Scott L. Diamond (UPenn);

John C. Crocker (UPenn);

David J. Graves (UPenn)

Thursday, Feb 13

11:00 am

Yingxi (Elaine) Zhu, PhD, General Motors R&D Materials Processing
Laboratory

"From Micro to Nano Fluidics"

Monday, Feb 17

3:30 pm

Jole Frehette, PhD candidate, Princeton University

**"Electrocapillarity at Nano-Contacts : Interactions Between Surfaces
Under Potential Control"**

Monday, Mar 17

3:30 pm

Kwabena A Boahen, Assistant Professor of Bioengineering and Electrical
Engineering, University of Pennsylvania

"Title to be announced"

Monday, Mar 31

3:00 pm, Heilmeier Hall

The Britton Chance Distinguished Lecture in Engineering and Medicine
Larry V. McIntire, E.D. Butcher Professor of Chemical and Biomedical
Engineering, Chair, Bioengineering Department, Rice University

"Title to be announced"

Monday, Apr 7

3:30 pm

Antony N. Beris, Arthur B. Metzner Professor of Chemical Engineering,
University of Delaware

**"Multiscale modeling of the stress-induced chain conformations
during the processing of semicrystalline polymers"**

Monday, April 14

3:30 pm

Panagiotis D. Christofides, Associate Professor, UCLA

"Control of Complex Distributed Processes"

Monday, April 21

3:30 pm

David D. Brengel, Lead Development Engineer, Advanced Gas Separation
Technology, Air Products and Chemicals, Inc.

**"Electrochemical Oxygen Separation using Ion Transport
Membranes"**