

The **82nd**
**ACS Colloid & Surface
Science Symposium**
June 15 -18, 2008
North Carolina State University
Raleigh, North Carolina
www.colloids2008.org

Symposium Chairs

Orlin D. Velev
North Carolina State University
odvelev@unity.ncsu.edu

Peter K. Kilpatrick
North Carolina State University
peter_kilpatrick@ncsu.edu

About the Symposium:

The 82nd ACS Colloid and Surface Science Symposium will be held at the McKimmon Conference & Training Center on the campus of North Carolina State University. The symposium opens with a reception on Sunday evening, June 15th, and concludes on Wednesday afternoon, June 18th. A banquet will be held on Tuesday, June 17th, and a highlight of the symposium will be the Biotechnology & Pharmaceuticals Forum on June 18th.

The symposium will include technical sessions organized around ten broad topics, including Soft Matter at Interfaces, Self-Assembly of Surfactants & Biomolecules, Life Science Applications, Nanoscale Synthesis, Nanoscale and Microscale Engineering, Electrokinetic Phenomena and Microfluidics, Rheology of Colloids and Interfaces, Environmental Applications & Natural Colloids, Surface Science and Catalysis, and General Papers in Colloid Science. The poster session will be held during the evening of Monday, June 16th.

Plenary Speakers

Eric W. Kaler
Stony Brook University
*Micelle Networks: Implications for
Rheology and Biology*

David A. Weitz
Harvard University
*Structuring New Colloidal Materials
with Microfluidics*

Keynote & Invited Speakers

Michael Bevan, Texas A&M University
Jeff Buboltz, Colgate University
Frank Caruso, University of Melbourne
Manoj Chaudhury, Lehigh University
Annie Colin, University of Bordeaux
Vicky Colvin, Rice University
Dganit Danino, Technion University
Gero Decher, Institut Charles Sadron
Bartosz A. Grzybowski, Northwestern Univ.
Kristi Kiick, University of Delaware
Brian Korgel, University of Texas – Austin
C. Ted Lee, Jr., Univ. of Southern California
Vinothan Manoharan, Harvard University

Charles B. Mullins, Univ. of Texas – Austin
Catherine J. Murphy, Univ. of South Carolina
Vesselin N. Paunov, University of Hull
Robert Prudhomme, Princeton University
James E. Saiers, Yale University
Raymond Schaak, Penn State University
Gary W. Slater, University of Ottawa
Molly Stevens, Imperial College
Igal Szleifer, Northwestern University
Mathias Winterhalter, Jacobs University
Younan Xia, Washington Univ. St. Louis
Ting Xu, Univ. of California – Berkeley

Symposium Overview

Image by: Chekesha Liddell

Technical Sessions & Organizers:

Soft Matter at Interfaces

Nicholas Abbott, University of Wisconsin
Jan Genzer, North Carolina State University

Rheology of Colloids and Interfaces

Saad Khan, North Carolina State University
Michael Solomon, University of Michigan

Self-Assembly of Surfactants & Biomolecules

Bohdana Discher, University of Pennsylvania
Steven Wrenn, Drexel University

Environmental Applications & Natural Colloids

Robert Tilton, Carnegie Mellon University
Orlando Rojas, North Carolina State University

Life Science Applications

Norma Alcantar, University of South Florida
Raymond Tu, City University of New York

Surface Science and Catalysis

Henry Lamb, North Carolina State University
Jason Weaver, University of Florida

Nanoscale Synthesis

Ilona Kretzschmar, City University of New York
Hong Yang, University of Rochester

General Papers in Colloid Science

Michael Bevan, Texas A&M University
Joelle Frechette, Johns Hopkins University

Nanoscale and Microscale Engineering

Chekesha Liddell, Cornell University
Darrell Velegol, Penn State University

Poster Session

Michael Dickey, Harvard University
Sonia Grego, RTI International

Electrokinetic Phenomena and Microfluidics

Patrick Doyle, Massachusetts Institute of Technology
Dimiter Petsev, University of New Mexico

Special Event: Biotechnology & Pharmaceuticals Forum

Forum Co-Chairs

Rossitza Alargova, Vertex Pharmaceuticals
Rossitza_Alargova@vrtx.com

Ping Yeh, Biogen Idec, Inc.
Ping.Yeh@biogenidec.com

Invited Speakers

Joseph M. DeSimone, Univ. of NC - NC State
Craig Dunbar, Vertex Pharmaceuticals
Kevin Maloney, Biogen Idec
Bilikallahalli Muralidhara, Pfizer Global Biologics
Theodore Randolph, Univ. of Colorado – Boulder
Robert E. Sievers, Univ. of Colorado, Aktiv-Dry LLC

Abstract Submission Deadline: February 29, 2008
Submit your abstract online at www.colloids2008.org