

2nd Virginia Soft Matter Workshop

Saturday, October 4, 2014 - Saturday, October 4, 2014

Virginia Tech

Scientific Program

Agenda

8:15 – Registration and Breakfast

9:00 – Opening remarks: **Shengfeng Cheng** (Virginia Tech)

9:05 – Introduction: **Tim Long** (ICTAS Macromolecules and Interfaces Institute
Director, Professor of Chemistry, Virginia Tech)

9:20 – Welcome: **Leo Pilonen** (Professor and Chair, Dept. Physics, Virginia Tech)
Scott Case (Professor and Engineering Science and Mechanics
Program Chair, Dept. Biomedical Engineering and
Mechanics, Virginia Tech)

Session 1: Chair, **Uwe Tauber** (Virginia Tech)

9:30 – Invited Speaker: **Will Mather** (Virginia Tech)

Title: *Biological Cell Dynamics in Microfluidic Environments*

10:10 – Sound bite presentations I

11:00 – Coffee break

Session 2: Chair, **James Hanna** (Virginia Tech)

11:25 – Invited Speaker: **Michael Rubinstein** (Univ. North Carolina at Chapel Hill)

Title: *Dynamics of Particles in Soft Matter*

12:05 – Lunch

Session 3: Chair, **Sunny Jung** (Virginia Tech)

1:30 – Invited Speaker: **Hannes Schniepp** (College of William and Mary)

Title: *Brown Recluse Spider's Nanometer Scale Ribbons of Strong Sticky Silk*

2:10 – Sound bite presentations II

2:55 – Coffee break

Session 4: Chair, **Michel Pleimling** (Virginia Tech)

3:20 – Sound bite presentations III

4:10 – Invited Speaker: **David Green** (University of Virginia)

Title: Impact of Graft Polymer Wetting Transitions on Colloidal Stability and
Dynamics in Polymer Matrices

4:50 – Concluding remarks