



BITC Summer Symposium, July 2016

Website: <http://sites.udel.edu/cbst/other-department-events/>

Registration: <https://udapps.nss.udel.edu/casforms/ENGG/bitc/>

Dates: **Tuesday** 12 July (All Attendees) & **Wed** 13 July (BITC Members only)

Location: Embassy Suites, Newark DE 19711

Light refreshments will be available throughout the day, in addition to lunch

Tuesday, 12 July

9:00 Registration

9:25 Chris Roberts, *Opening Remarks*

9:30 – 10:20 Tatyana Polenova, University of Delaware, *"Magic Angle Spinning NMR for Atomic-Level Structure and Dynamics Analysis of Biological Assemblies"*

10:20 – 11:10 Robert Fairman, Haverford College, *"Daring to BOLT forward to the study of human neurodegeneration in transgenic animals using the analytical ultracentrifuge"*

Break

11:10 – 12:00 Abraham Lenhoff, University of Delaware, *Molecular Origins of High Viscosity in mAb Solutions*

12:00 – 1:00 Lunch & Posters

1:00 – 1:50 Mahlet Woldeyes, University of Delaware, *Comparison of Protein-Protein Interactions Across Light Scattering Platforms, and as a Predictor of Elevated Viscosity*

1:50 – 2:40 Robert Hart, Optofluidics, *Hexpoint: Rapid, low volume biopharmaceutical particle analysis with fluorescent typing*

2:40 – 3:30 Gavin Ferlic, LiteSprite, *Laser Transmission Spectroscopy: A New Window to the Nano World*

3:30 – 4:00 Roundtable Discussion (all speakers)

4:00 – 5:30 Posters and Informal Reception

Wednesday, 13 July

CLOSED IAB MEETING, BITC representatives only

8:45 Shuttle or carpool to UD campus (Colburn Laboratory, maps provided separately)

9:00 – 12:00 IAB meeting, agenda available under separate cover