

IENT VENDOR PRESENTATION:

BIOMOLECULAR INTERACTION ANALYTICS USING MICROSCALE THERMOPHORESIS

THURSDAY, NOVEMBER 3RD, 2016 | 11:50 AM - 1:30 PM

MARCUS NANOTECHNOLOGY BUILDING | ROOM 1116

Complementary Lunch Provided with Registration

The presentation gives an overview of the Microscale Thermophoresis (MST) technology. MST is a powerful method to quantify biomolecular interactions. It measures the motion of molecules along microscopic temperature gradients, detecting changes in their hydration shell, charge, or size. In combination with high-precision fluorescence detection, MST provides a flexible, robust, and rapid method to measure molecular interactions using miniscule sample quantities. Applications range from small-molecule screening and drug discovery to analyzing interactions of multi-protein complexes. Technical details, technology benefits, and application examples will be described. Assay development, data analysis, and best practices will also be discussed.

AGENDA:

Registration and Lunch Pick-Up
11:50 AM – 12:00 PM

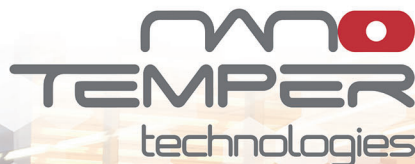
Welcome Address & Seminar Overview
12:00 PM – 12:10 PM

Session 1: Applications of Microscale Thermophoresis
12:10 PM – 1:00 PM

Session 2: MST Lab Demonstration
1:00 PM – 1:30 PM

IENT Cleanroom & Lab Tour
1:00 PM – 1:30 PM

Sign up for the seminar at <http://ien.gatech.edu/vpnanotemper>
Registration is required to receive lunch.



For More Information:

- On the NanoTemper, contact Ellen Lee (Ellen.Lee@nanotemper-technologies.com)
- On the IEN Industry Seminar Series and future seminars, contact Dr. Paul Joseph (paul.joseph@ien.gatech.edu)

