

Biophysics Seminar

Friday, March 6, 10:00 am
Science & Engineering Building Room 143

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Molecular Spiders – Tracking autonomously moving nano-robots at the single molecule level

Improvements in methods of single-particle fluorescence tracking have permitted detailed studies of molecular motion on the nanometer scale. In a quest to introduce these tools to the burgeoning field of DNA nanotechnology, here, fluorescence imaging is being used to monitor the autonomous behavior of synthetic molecular walkers, dubbed “Spiders”, at the single-molecule level.

*Please join us for light refreshments
at 9:45 am in the SEB Lobby.*