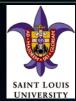
## MaD for Single Molecules: New Techniques in Detection and Imaging



A 1-day Workshop co-hosted by Saint Louis University and PicoQuant, highlighting Macromolecular Dynamics (MaD) for single molecules using Forster Resonance Energy Transfer (FRET) and Fluorescence Lifetime Imaging (FLIM).



## **Workshop Schedule:**

9-9:30 am:	Registration and coffee
9:30-9:45 am	Welcome
9:45-10:30 am	"Small quantum dots for nanometer accuracy and resolution on molecular motors and living neurons" Paul Selvin, Ph.D. University of Illinois-Urbana
10:30-11:15 am:	"State-of-the-art time-resolved single molecule measurements with the MicroTime 200" Volker Buschmann, Ph.D. PicoQuant GmbH
11:15 am-12 pm	"Visualizing protein function at the single molecule level" David Millar, Ph.D. Scripps Research Institute
12-1:15 pm:	Group Picture and Lunch
1:15-2:00 pm:	"Mechanisms of eukaryotic transcription initiation" Eric Galburt, Ph.D. Washington University
2:00-2:30 pm:	Short Student/Postdoc Presentations
2:30 pm:	Closing Remarks
4-5 pm:	Optional tour and Microtime demonstration
Info & Registration: biochem.slu.edu/workshop/workshopindex2014.shtml	

Thursday, December 11, 2014 9 am – 5 pm Il Monastero St. Louise de Marilliac Room 3050 Olive St. St. Louis, MO 63103