

Conference on Quantitative Bioimaging

Friday, January 11, 2013

AGENDA

- 7:30 Shuttles begin from Hotel to Conference Site (several large vans will run a few times)
- 7:45 Breakfast at Conference Site
- 8:30 Conference Opening and Logistics
- 8:45 **Raimund Ober**, University of Texas Dallas.
"Location Estimation in Single Molecule Microscopy"
- 9:30 **Chrysanthe Preza**, University of Memphis.
"3D PSF Characterization for Widefield Fluorescence Microscopy"
- 10:15 Coffee and Posters
- 10:45 **Sjoerd Stallinga**, Delft Technical University.
"Point spread function models in optical nanoscopy"
- 11:30 Contributed Presentation: **Mathew Lew**, Stanford University.
"The Double-Helix Microscope Simultaneously Measures Single Molecule Orientation and 3D Position, Reducing Dipole-Induced Localization Errors"
- 11:45 Contributed Presentation: **Ginni Grover**, UC Boulder.
"Optimal 3D Superresolution Microscopy with Double-Helix Point Spread Functions"
- 12:00 Lunch and Posters
- 1:30 **Erik Meijering**, University Medical Center Rotterdam.
"State of the Art in Multiple Particle Tracking"
- 2:15 **Xavier Michalet**, UCLA.
"SPT Data Analysis: Beyond Connecting the Dots"
- 3:00 Coffee and Posters
- 4:00 **Tania Vu**, Oregon Health Sciences University.
"Single Particle Analysis for Unraveling Cellular Signaling Biology"
- 4:45 Contributed Presentation: **Peter Bosch**, University of Twente.
"State Classification of Two-Population Dynamic Diffusion Systems: Comparison of Various Analysis Methods"
- 5:00 **Keith Lidke**, UNM. "Multi-Color Single Particle Tracking"
- 5:45 Dinner and Poster Viewing
- 7:15 Software Development and Maintenance. Introduction and Panel Discussion
- 8:15: Busses start running back to hotel
- 8:45: Last bus to Hotel

