

Quantitative Biology Bootcamp
Brandeis University
January 14 (Thursday) and January 15(Friday), 2010
Hassenfeld Conference Center (Luria 1-3)

Please note: Buffet will be arranged in Levine-Ross (across from Luria)

Thursday, January 14, 2010

8:45-9:15 ----- Breakfast
9:15-9:25 -----Welcome (Jeff Gelles, Jané Kondev)
9:25-10:25 -----Faculty lecture (Liz Hedstrom): "Enzyme kinetics: what's it good for?"
10:25-10:55-----Student-led discussion/Coffee
10:55-11:55-----Prize lecture (Ed Barry): "Life at Low D: I. Biological Filaments (1D)"
11:55-12:10-----Student-led discussion
12:10-1:10 -----Lunch
1:10-2:10 -----Faculty lecture (Satoshi Yoshida): "Quantitative analysis of yeast cell division using GFP"
2:10-2:25 -----Student-led discussion
2:25-3:25 -----Panel Discussion
3:25-3:40 -----Student-led discussion/Coffee
3:40-3:50 -----travel to Goldfard Computer Cluster (mezzanine)
3:50-4:50 -----Prize lecture (Ed Barry) "Life at Low D: II. Virtual Lab - Measuring a Persistence Length"

Friday, January 15, 2010

8:45-9:15 Breakfast
9:15-9:25 travel to Goldfarb Computer Cluster (Mezzanine)
9:25-12:25 Computation Exercise (Douglas Theobald) : "QB Challenge: Patterns of structural evolution in proteins"
(10:30 Coffee break in Gardner Jackson Room, Mezzanine 215)
12:25-1:25 Lunch
1:25-2:25 Computational exercise presentations and discussion (Douglas Theobald): "QB Challenge presentations and discussion"
2:25-3:25 Prize lecture (Ed Barry): "Life at Low D: III. Monolayers and Membranes (2D)"
3:25-3:55 Student led discussion/Coffee
3:55-4:55 Faculty lecture (Daniel Pomeranz Krummel): "The splice of (eukaryotic) life"
4:55-5:15 Student led discussion / Wrap up
6:00-8:00 Dinner: Jakes Dixie Roadhouse, 220 Moody Street, Waltham