

GEOMETRIC MODELS OF BIOLOGICAL PHENOMENA

Workshop Schedule

Sunday, June 1, 2003

- 9:00 am - Joe Felsenstein: Tutorial on biology/tress
- 11:00 am - Martin Bridson: Tutorial on spaces with distances
- 2:00 pm - David Penny
- 3:30 pm - Discussion: Biological Issues (moderator: John Luecke)

Monday, June 2, 2003

- 9:00 am - Persi Diaconis: Tutorial on prob/stat
- 11:00 am - Robin Forman: Tutorial on combinatorics of trees
- 2:00 pm - John Huelsenbeck: Introduction to Bayesed Inference Phylogenies
- 3:30 pm - Discussion: Combinatorial Issues (moderator: Michelle Wachs)

Tuesday, June 3, 2003

- 9:00 am - Susan Holmes: Statistics in the Space Binary Trees
- 11:00 am - Steve Evans: R-Trees, Root Growth and Regrafting
- 2:00 pm - Yuliy Baryshnikov: Around Arrow
- 3:30 pm - Discussion: Prob/Stats Issues (moderator: Ruth Charney)

Wednesday, June 4, 2003

- 9:00 am - David Aldous: Stochastic Models for Macro Evolution
- 11:00 am - Elchanan Mossel: Phase Transitions in Phylogeny
- 2:00 pm - David Epstein: Computing the BHU Metric
- 2:30 pm - John Endler: Geometric Aspects of Color Aspect Evolution
- 3:30 pm - Discussion: Geometric Issues (moderator: John Shareshian)

Thursday, June 5, 2003

- 9:00 am - Elliot Sober: The Contest Between Likelihood and Parsimony
- 9:45 am - Discussion
- 11:00 am - Berend Snel: Orthology and Generae Phylogenies
- 2:00 pm - Philippe Vert: Kernels for Phylogenetic Trees
- 3:00 pm - Evaluations
- 3:30 pm - Katherine St. John: Building and Visualizing Trees
- 3:50 pm - Discussion: Wrap-up