

STATISTICAL INFERENCES ON SHAPE MANIFOLDS

Workshop Schedule

Friday, May 6, 2005

9:00 am - Welcome and Workshop overview

9:45 am - Elie Laurent Younes: Introduction to groups of Diffeomorphisms

11:15 am - Ulf Grenander: Biological growth models

Lunch

2:00 pm - Michael Miller: Results & Challenges in 3D medical shape analysis

2:45 pm - Jonathan Robert Kaplan: Multiscale Diffeomorphisms

3:20 pm - Discussion

Happy Hour

Saturday, May 7, 2005

9:00 am - Washington Mio: Topic introduction

10:45 am - David Mumford: Representations/Metrics for shapes of planar curves

Lunch

2:00 pm - Anthony Yezzi: Metrics and geodesics in spaces of curves

2:45 pm - Kenneth Stephenson: Conformal Geometry and circle packing

3:30 pm - Peter Michor: Curvature of shape spaces

4:00 pm - Discussion

Happy Hour

6:45 pm - Workshop Banquet

Sunday, May 8, 2005

9:00 am - John Kent: Topic introduction

10:00 am - Kanti Mardia: Advances/Challenges

11:00 am - Discussion

2:00 pm - Short presentations

3:00 pm - Poster session

Happy Hour

Monday, May 9, 2005

9:00 am - Anuj Srivastava: Topic introduction - Statistics of planar shapes, probability

10:00 am - Vic Patrangenaru: Advances - Statistics of planar shapes

Lunch

2:00 pm - Peter Giblin: Representations and analysis of surfaces in 3D

3:30 pm - Discussion

Happy Hour