

VARIATIONAL METHODS IN CELESTIAL MECHANICS

Workshop Schedule

Monday, June 9, 2003

Proofs of existence of new orbits

9:30 am - Susanna Terracini

10:45 am - Kuo-Chang Chen: Retrograde Orbits to the 3-Body Problem

2:30 pm - Andrea Venturelli

Tuesday, June 10, 2003

9:30 am - John Mather

10:45 am - Christophe Gole

2:30 pm - Andreas Knauf

3:45 pm - Discussion session

Wednesday, June 11, 2003

9:30 am - Rick Moeckel

10:45 am - Toshiaki Fujiwara: 3-Body Choreography on the Lemniscate

11:15 am - Nataliya Shcherbakova

2:30 pm - Marie-Claude Arnaud

4:00 pm - Discussion session

Thursday, June 12, 2003

Shape space

9:30 am - Wu-Yi Hsiang: Kinematic Geometry & Jacobi Morse Theory of Classical Mechanics

10:30 am - Eldar Straume: Kinematic Geometry & 3-Body Motions

11:30 am - Richard Montgomery: Conformal Geometry & Syzygies

Friday, June 13, 2003

Joseph Gerver:

Vivina Barutello: Action-Minimizing Orbits Among Simple Choreographics

Ken Meyer: Comet-like solutions to the n-Body Problem

Saturday, June 14, 2003

Wrap-up