Holomorphic curves in contact geometry

Workshop Schedule

Monday, August 4, 2003
9:30 am - Tobias Ekholm: A Brief Introduction to Contact Homology
10:15 am - Lisa Traynor: An Introduction to the Theory of Generating Functions
11:10 am - Tobias Ekholm: Higher Dimensional Examples
11:30 am - Discussion: Contact Homology and Generating Functions
12:15 pm - Lunch
2:00 pm - Lenny Ng: Gradient Trees, Knot Invariants, and discussion
3:30 pm - John Entyre and Ko Honda: Transverse Non-Simplicity and discussion

Tuesday, August 5, 2003
9:30 am - E. Giroux: Open Books in Contact Geometry
11:00 am - D. Auroux: Lefschetz Pencils/Open Books in Symplectic/Contact Geometry
2:00 pm - F. Bourgeois: Contact Homology and Homotopy Groups of the Space of Contact Str
3:15 pm - Y. Eliashberg: Discussion on Applications of Contact Homology and Using Open B

Wednesday, August 6, 2003
Around Lagrangian Submanifolds
9:30 am - P. Brian: Computations in Floer Homology with Applications to Geometry and Top
10:20 am - L. Polterovich: Boundary Rigidity for Lagrangian Submanifolds
11:10 am - D. McDuff: Quantum Homology for Toric Manifolds
12:15 pm - Lunch
2:00 pm - R. Hind: Lagrangian Unknottedness of Spheres
2:50 pm - A. Irvii: Lagrangian Unknottedness of Tori
3:50 pm - Open problems session

Thursday, August 7, 2003
Around Low Dimensional Topological Invariants and Contact/Symplectic Geometry
9:00 am - M. Hutchings: The Embedded Contact Homology of T3
11:00 am - P. Ozsvath: Heegaard-Floer Homology, Contact Structures, and Other Developmen
12:15 pm - Lunch
2:00 pm - H. Geiges: Contact Surgery
2:45 pm - A. Stipsicz: Applications of Contact Heegaard-Floer Invariants
3:45 pm - O. Plamenevskaya: Some Examples of Contact Heegaard-Floer Invariants
4:30 pm - Discussion Session
6:45 pm - Workshop banquet

Friday, August 8, 2003
Around 'Physics' and Topology
9:30 am - A. Grassi: Surgery, Knots, and Enumerative Invariants

10:45 am - Y. J. Lee: Relating Floer and Gromov Theory with Applications
12:15 pm - Lunch
2:00 pm - L. Ng: Knot Contact Homology
2:30 pm - Discussion Session
4:00 pm - R. Kirby: Constructing Singular Symplectic Forms on 4-Manifolds

Saturday, August 9, 2003
9:00 am 12:00 pm: Informal discussion session