

Centre de recherches mathématiques
Université de Montréal

Conference on New Challenges and Perspectives in Symplectic Field Theory
June 25-29, 2007

HORAIRE / PROGRAM

Le lundi 25 juin 2007 / *Monday, June 25, 2007*

08:00 - 09:00 *Registration and Continental breakfast*

09:00 - 10:00 **Dusa McDuff** (Stony Brook University)
"Uniruled symplectic manifolds"

10:20 - 11:20 **Helmut Hofer** (New York University)
"Polyfolds and SFT"

11:40 - 12:30 **Tobias Ekholm** (Uppsala University)
"Introduction to SFT - I"

12:30 - 14:30 *Lunch break*

14:20 - 15:20 **Gang Tian** (Princeton University)

15:20 - 15:50 *Coffee break*

15:50 - 16:50 **Dietmar Salamon** (ETH Zürich)
"Instanton Floer homology with Lagrangian boundary conditions"

17:10 - 18:00 **Tobias Ekholm** (Uppsala University)
"Introduction to SFT - II"

Le mardi 26 juin 2007 / *Tuesday, June 26, 2007*

08:00 - 09:00 *Registration and Continental breakfast*

09:00 - 10:00 **Ko Honda** (University of Southern California)
“Invariants of exact Lagrangian cobordisms”

10:20 - 11:20 **Emmanuel Giroux** (Ecole Normale Supérieure de Lyon)
“Fibrations in Contact Geometry”

11:40 - 12:30 **Frédéric Bourgeois** (Université Libre de Bruxelles)
“A survey of contact homology”

12:30 - 14:30 *Lunch break*

14:20 - 15:20 **Paul Biran** (Tel Aviv University)
Octavian Cornea (Université de Montréal)
“Quantum Structures for Lagrangian Submanifolds”

15:20 - 15:50 *Coffee break*

15:50 - 16:50 **Claude Viterbo** (École Polytechnique, Palaiseau)

17:10 - 18:00 **Joshua Sabloff** (Haverford College)
“Invariants of Legendrian Submanifolds from Contact Homology”