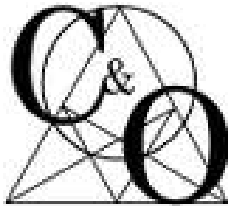# Metric Regularity Days

October 25-26, 2011

October 25th

- 09:30 - 10:00 Registration
- 10:00 - 10:10 Opening
- 10:10 - 10:50 **J.-P. Aubin** *A Testimony on the Inverse Set-Valued Map Theorem*
- 10:55 - 11:35 **A. Dontchev** *Metric Regularity on a Set*
- 11:40 - 12:20 **R. B. Vinter** *Metric Regularity Properties of Control Systems with State Constraints*
- 12:20 - 14:30 Lunch
- 14:30 - 15:10 **L. Thibault** *Metric Subsmooth Sets and Metric Subregularity*
- 15:15 - 15:55 **R. Cibulka** *On Constrained Open Mapping Theorems*
- 16:00 - 16:40 **M. Théra** *Some New Results on Implicit Multifunction Theorems*

October 26th

- 09:30 - 10:10 **R. Luke** *Convergence of Approximate Projections onto Nonconvex Regularized Sets*
- 10:15 - 10:55 **P. Bettiol** *Lipschitz Regularity of Solution Map for State Constrained Control Systems*
- 11:00 - 11:30 Coffee break
- 11:30 - 12:10 **M. Geoffroy** *Characterization of Metric Regularity of Subdifferentials*
- 12:15 - 12:55 **D. Azé** *Global Surjectivity Results of Hadamard's Type for Multifunctions*
- 13:00 - 14:30 Lunch
- 14:30 - 15:10 **M. Quincampoix** *Metric Regularity of Higher Order*
- 15:15 - 15:55 **M. Mazzola** *Neighboring Feasible Trajectories Theorem for a General Set of Constraints*
- 16:00 - 17:00 Panel - Discussion on Open Questions and Applications