BELS Bath-Exeter-London-Southampton Control Seminar Series

Wed, 4 May 2011, Imperial College
Room E455B, Dept of Aeronautics, ACE Extension

Programme

10:00 Arrival and Coffee

10:15 Piernicola Bettiol (Imperial) *State constrained optimal control*

11:00 Eric Rogers (Southampton) *Newton method based iterative learning control for 3D robotic assisted stroke rehabilitation*

11:45 Paola Falugi (Imperial) *Tube-based robust nonlinear model predictive control*

12:30 Lunch

13:00 Markus Müller (Exeter) *Funnel control of systems with relative degree two*

13:45 Andrew Wynn (Imperial) *Observer design for non-linear systems related to fluid flows*

14:30 Ivan Markovsky (Southampton) *Fast measurements of slow processes*

15:15 Anna Voelker (Imperial) *Simultaneous constrained moving horizon estimation and robust multi-parametric model predictive control*