

# Control Theory Seminars

## Programme, Semester 2, 2012/13

**Time: Thursdays, 12:15**

**Venue: 4W 1.7**

- |               |            |  |
|---------------|------------|--|
| <b>21 Feb</b> | M Opmeer   | <i>The Alternating-Direction-Implicit (ADI) method for solving Lyapunov equations</i>                                |
| <b>28 Feb</b> | H Logemann | <i>Steady-state gains for Lure systems, part 1</i>   |
| <b>07 Mar</b> | H Logemann | <i>Steady-state gains for Lure systems, part 2</i>   |
| <b>14 Mar</b> | E Sarkans  | <i>Discrete-time Lure systems from an input-output perspective: stability concepts and stability results, part 1</i> |
| <b>21 Mar</b> | E Sarkans  | <i>Discrete-time Lure systems from an input-output perspective: stability concepts and stability results, part 2</i> |
| <b>11 Apr</b> | A Bill     | <i>Absolute stability for positive systems with applications to population dynamics</i>                              |
| <b>18 Apr</b> | E P Ryan   | <i>Adaptive control of homogeneous systems - revisited</i><br><b>Postponed to Sem 1 of 2013/14</b>                   |
| <b>25 Apr</b> | M Opmeer   | <i>Balanced truncation for symmetric systems</i>   |