

**MASTER IN ADVANCED AND PROFESSIONAL MATHEMATICS**

Dates / Course 2007-2008

Autumn semester

| Hours   | Monday                     | Tuesday                                    | Wednesday                 | Thursday                                   | Friday                     |
|---------|----------------------------|--|---------------------------|--|----------------------------|
| 8 - 9   | <b>Simulation Methods</b>  |  | <b>Simulation Methods</b> |  |                            |
| 9 - 10  |                            | <b>Fuctional Analysis</b>                  |                           |  | <b>Fuctional Analysis</b>  |
| 10 - 11 | <b>Complex Analysis</b>    |  |                           | <b>Dynamical Systems</b>                   |                            |
| 11 - 12 |                            |  | <b>Dynamical Systems</b>  |  | <b>Arithmetic Geometry</b> |
| 12 - 13 | <b>Arithmetic Geometry</b> |  |                           | <b>Fuctional Analysis</b>                  |                            |
| 13 - 14 |                            |  |                           |  |                            |
| 14 - 15 |                            |  |                           |  |                            |
| 15 - 16 | <b>Algebraic Geometry</b>  | <b>Introduction to Stochastic Calculus</b> | <b>Algebraic Geometry</b> | <b>Introduction to Stochastic Calculus</b> |                            |
| 16 - 17 |                            |  |                           |  |                            |
| 17 - 18 | <b>Parallel Computing</b>  | <b>Local Algebra</b>                       | <b>Parallel Computing</b> | <b>Local Algebra</b>                       |                            |
| 18 - 19 |                            |  |                           |  |                            |

Spring semester

| Hours   | Monday                                    | Tuesday                                     | Wednesday                                 | Thursday                                    | Friday                         |
|---------|---|---|---|---|--------------------------------|
| 8 - 9   | <b>Applied Harmonic Analysis</b>          |   | <b>Applied Harmonic Analysis</b>          |   |                                |
| 9 - 10  |   | <b>Analytical Mechanics</b>                 |   |   | <b>Algebraic Curves</b>        |
| 10 - 11 | <b>Algebraic Curves</b>                   |   |   | <b>Software Engineering</b>                 |                                |
| 11 - 12 |   |   | <b>Software Engineering</b>               |   | <b>Algebraic Number Theory</b> |
| 12 - 13 | <b>Algebraic Number Theory</b>            |   |   | <b>Analytical Mechanics</b>                 |                                |
| 13 - 14 |   |   |   |   |                                |
| 14 - 15 |   |   |   |   |                                |
| 15 - 16 | <b>Geometry and Topology of Manifolds</b> | <b>Introduction to Quantitative Finance</b> | <b>Geometry and Topology of Manifolds</b> | <b>Introduction to Quantitative Finance</b> |                                |
| 16 - 17 |   |   |   |   |                                |
| 17 - 18 | <b>Algebraic Computation</b>              | <b>Optimisation and Control</b>             | <b>Algebraic Computation</b>              | <b>Optimisation and Control</b>             |                                |
| 18 - 19 |   |   |   |   |                                |