

Advice and Guidance on MSc Projects

Please note that a project registration form must be submitted to us by no later than **Wednesday 27th February 2013**. It should be handed to Wendy Adams (room 112).

You will need to submit a project proposal in addition to this form. The project proposal must be handed in to Wendy Adams no later than **Monday 22nd April, 2013**.

Available projects can be found here:

<http://web.comlab.ox.ac.uk/teaching/MSCinCS/projects/index.html>

You should submit the registration form with either a single project title, together with a signature of the supervisor, or a list of at least three projects for which you have (or are doing) the stated prerequisites. We would encourage you to talk to potential supervisors and select a specific project if possible. However, if you are not able to do this, then the Projects Committee will endeavour to find a suitable person to supervise one of the projects you have listed. If you do supply a list projects you are interested in, then please make sure that they are selected from at least two different possible supervisors.

Although some students do projects that are jointly supervised with another department or industry you should remember that the project has to be relevant to computer science and should demonstrate your understanding and ability to exploit and integrate the material you have learnt from the courses you have taken.

Please note the regulations stipulate that you must demonstrate a link between your project and the taught part of the course.

In making your choice of project, you may wish to look at previous projects held in the Library.

Below are some that were awarded a distinction in the MSc in Computer Science.

- Vidar Svansson - Model Driven Web Development (2007)
- Niyue Tan - Cancer Gene expression Data Analysis: A Neuro-Fuzzy System Approach (2007)
- Niles Brennen - K-Best Parsing Algorithms for a Natural Language Parser (2008)
- Markus Gerstel - Models of Grammar Evolution: Evolving Englishy (2008)
- odelling and Photometric Redshift Estimation of Quasars (2008)
- Lev Kundin - Bilingual Corpus Exploratory Workbench (2008)
- Feng Wei - The Reachability Analysis of Timed Automata (2008)
- Hao Wu - Modelling of Financial Market with Intelligent Agents (2008)
- Bo Zhang - Building a Resolution Based Oncology Reasoner (2008)
- Sparsh Gupta - Web Content Recommendation Using Machine Learning on User Mouse Tracking Data - (2009)

- Muneeb Ali - Forecasting UK Housing Market Using Artificial Neural Networks - (2009)
- Edward Grefenstette - Analysis Document Similarity Measures (2009)
- Rachel Bailey - A Comparative Study of Algorithms for Solving Bischi Games (2010)
- Theodore Bluche - Mathematical Formula Recognition Using Machine Learning techniques (2010)
- Stuart Bowyer - Segmentation and Classification of Magnetic Resonance Images (2010)
- Nurzhan Bakibayev - Query Evaluation on Factorised Representations - (2011)
- Di Chen - Complexity of Metric Bisimilarity for Markov Chains (2011)
- Ian Childs - Deductive theorem Prover Based on GADTs (2011)

Please make sure that you also read the section in the [MSc Course Handbook](#) on dissertations.

Please also be aware that in Trinity Term there will be a session on presentation skills which will cover both writing skills and verbal presentations. All students are expected to attend as this will provide you with useful background for your dissertation.

Project proposals fall into two categories: there are specific proposals put forward by members of the department which can be discussed with the academic concerned, and some members of the department have put forward general areas in which they would be prepared to supervise projects.

If you have a project of your own in mind you can discuss it with the academic whose interests fall into this area.

Please complete the [Project Registration Form](#) and return it to Wendy Adams in room 112 by **Wednesday 27th February (week 7)**

You should note that it is a requirement of the MSc in Computer Science that you must demonstrate a link between your project and the taught part of the course.