SCHOLARSHIPS FOR DOCTORAL STUDY IN COMPUTER SCIENCE

Computing Laboratory, University of Oxford

The Computing Laboratory invites applications for full and partial scholarships for D.Phil. (Doctor of Philosophy) study to commence in October 2009.

The Computing Laboratory is among the world's leading Computer Science departments. It is a centre for research in computer science, numerical analysis, computational biology, quantum computation, computational linguistics, and information systems, supported by £27M of research grants from research councils, EU and industry. Our students obtain an outstanding education in computer science through a variety of undergraduate and graduate programmes, including a part-time, professional programme in software engineering.

The Laboratory's research strength derives from its firm grounding in core Computer Science disciplines, high degree of mathematical sophistication among its researchers, and its committed engagement with applications and interdisciplinary work. Over the past several years we have significantly broadened the spectrum of computing research in the Laboratory. The intake of graduate students has substantially increased, and we now have over 100 graduate research students.

The scholarships available for full-time D.Phil. study include EPSRC Doctoral Training Awards (DTA), Clarendon scholarships and departmental awards. DTA scholarships are of three and a half years' duration and include college and university fees and maintenance of at least £12,940 per annum. Full DTA awards are available to home students or EU students who studied in the UK for three years previously. Partial (fees only) DTA awards are available to EU students. Departmental awards are typically partial and carry no nationality restrictions. Clarendon scholarships are for three years, are partial (fees or maintenance) or full and are open to all international (non-UK/non-EU) students. In addition, a broad range of scholarships are available at Oxford, for example Commonwealth, KC Wong and Scatcherd European (nationality and course restrictions apply).

There are three application deadlines, 21 November 2008, 23 January 2009 and 13 March 2009. Scholarship applications must be received by 23 January 2009 at the latest to be considered for 2009 start. The scholarships are highly competitive. Shortlisted candidates will be interviewed and decisions are expected in March 2009. If additional D.Phil. studentships become available they will be advertised at the URL below:
http://www.comlab.ox.ac.uk/news/studentships.html

Applications to study for D.Phil. are considered in the following areas:

  Computational Biology
        Computational Modelling of Physiological Systems
        Computational Systems Biology
  Information Systems
        Computational Linguistics
        Knowledge Representation and Reasoning
        Database Systems and Database Theory
        Spatial Reasoning
  Numerical Analysis
        Partial Differential Equations

        Numerical Linear Algebra
        Optimisation, Approximation, Software, Applications
    Programming Languages
        Aspect-Oriented Programming
        Generic Programming
        Functional Programming
        Concurrent Programming Languages
        Programming Tools
        Algebra of Programming
    Software Engineering
        Information Modelling
        Requirements Engineering
        Model-Based Development
        Systems Security
        Sensor Networks
    Foundations, Logic and Structures
        Logic and Semantics
            Game Semantics
            Domain Theory
            Category Theory
        Quantum Informatics
            Unconventional models of computation
        Dynamic and Epistemic Logic
        Algorithms and Complexity
        Constraint Satisfaction
Verification
        Model Checking
        Theory of Security
        Hardware Verification
        Software Verification
        Concurrency

More information on the research in the Laboratory can be found at:
http://web.comlab.ox.ac.uk/research/

Successful candidates will be enrolled as full-time D.Phil. students in the Computing Laboratory and will become a member of one of the Oxford colleges. A broad range of courses and skills training is provided both within the Computing Laboratory as well as the Mathematical, Physical and Life Sciences Division. Departmental and college funding for conference travel is available. For more information about arrangements for D.Phil. study at Oxford and the Computing Laboratory consult the current Graduate Research Student Handbook:
http://web.comlab.ox.ac.uk/files/1268/prs08.pdf

Information about the online application process, admissions criteria and scholarship funding is available at URLs:
http://www.comlab.ox.ac.uk/admissions/dphil/
http://www.ox.ac.uk/admissions/postgraduate_courses/finance/index.html

To apply online, follow the URL:
http://www.ox.ac.uk/admissions/postgraduate_courses/apply/index.html

Further information is available from: graduate.admissions@comlab.ox.ac.uk