

## **How to apply:**

The deadline for applications is **1<sup>st</sup> December, 2008**. Interviews for qualified candidates will take place mid-late December.

To apply you can either apply online or download the University's application form from:

<http://www.admin.ox.ac.uk/postgraduate/apply/forms/>. You will need to submit references, transcript and a statement of research interests (in the slot marked "research proposal")

All applications are subject to a £25 application fee.

When you have submitted your application, will you please email Julie Sheppard: [Julie@comlab.ox.ac.uk](mailto:Julie@comlab.ox.ac.uk) to inform her that you have done so and send a copy of your application to Julie.

## **Further information**

The project concerns the development of tools for the analysis of software that makes uses of multiple threads of execution. We are particularly interested in software in which a component (e.g., a server thread) is replicated multiple times. The project lies at the intersection of several topics – symmetry reduction, decision procedures, and abstraction techniques. A three-year research position is available to work on both the fundamental theory as well as the tool implementation. The ideal candidate has a background on program analysis or compiler construction, formal methods, practical aspects of shared-variable concurrency, and has documented programming skills in C++.

Details of the Formal Verification Group can be found here:

<http://web.comlab.ox.ac.uk/research/verification/>

If you have any questions about the admissions process, please email [Julie@comlab.ox.ac.uk](mailto:Julie@comlab.ox.ac.uk)