Fully Funded Doctoral Studentship in Systems Security

Student fee status: Home

Supervisor: Thomas Pasquier

Start Date: October 2027

The Department of Computer Science at the University of Oxford is offering **one** fully funded DPhil studentship for home students in the Security and Systems themes under the supervision of Prof Pasquier, to commence next academic year (October 2027).

The successful applicant will join the Thomas Pasquier's lab, which studies how to make complex computer systems easier to observe, understand, customise, and secure. The group works across the Department's Security and Systems research themes.

Thomas Pasquier interests focus on systems security, particularly intrusion detection and investigation, data provenance, and trustworthy low-overhead monitoring of operating systems and distributed systems. Projects could develop new ways to detect malicious behaviour from system activity, reconstruct attacks across hosts, or securely collect and analyse system data. He also welcomes strong proposals in systems and security more broadly, including applications of machine learning to either field.

The studentship will provide an annual stipend (at the UKRI rate) at least £21,805 per annum for 3.5 years (42 months). The studentship will also cover the costs of course tuition fees **at home level.** Research students in the Department of Computer Science are also provided with a fund for travel to conferences and workshops (subject to approval).

Applicants must satisfy the usual requirements for studying for a doctorate at Oxford, and apply online by **Wednesday 2 December 2026** via the DPhil in Computer Science, quoting studentship reference **27-CS-TP**. Candidates are expected to have a strong computational and/or mathematical background, with undergraduate studies in Computer Science, Engineering, Physics, Mathematics or related disciplines. Candidates must also have good writing, communication and presentation skills (see the University's web pages on the DPhil in Computer Science for details).

For further information or for informal discussions about suitability, please contact Thomas Pasquier (thomas.pasquier@cs.ox.ac.uk). For further information about the studentship or the application process, please e-mail Computer Science Graduate Admissions.