

## Faculty of Computer Science and Technology (continued)

### M. PHIL. IN ADVANCED COMPUTER SCIENCE

Contact: Ms L. M. Gough (email: lmg30@cl.cam.ac.uk)

*Most lectures take place in SW01 and SS03 and practical classes in SW02 and the Intel Teaching Laboratory, William Gates Building.*

#### MICHAELMAS 2009

#### LENT 2010

#### EASTER 2010

<p>Course Director: DR S. M. HAND            DR T. FORSTER            Introductory logic Th. Tu. 9 (weeks 5–8)            DR S. M. HAND            Advanced Topics in Computer Science Th. 10–12            PROF. J. A. CROWCROFT            Network Architecture Tu. Th. 12            DR T. G. GRIFFIN            An Algebraic Approach to Internet Routing Th. Tu. 2            DR M. G. KUHN            Topics in Secents: Forensic Signal Analysis Th. 3–5            DR I. J. WASSSELL            Low Power Embedded Systems F. 9–11            DR B. KLIN            Category Theory for Computer Science M. F. 12            DR N. A. DODGSON            Research Skills F. W. 2            DR P. SEWELL            Advanced Topics in Programming Languages M. 3            DR R. D. MULLINS            Chip Multiprocessors Reading Club M. 10–12            DR M. P. FIORE            Basic Rewriting Theory W. 12            PROF. G. WINSKEL            Set Theory for Computer Science M. 4–6 (weeks 2–5)            DR A. W. MOORE            Building an Internet Router Tu. 9 (week 1) Tu. 10–12            PROF. P. ROBINSON            Innovative User Interfaces Reading Group Tu. 4–6</p>	<p>DR A. W. MOORE            BIR Project presentations W. 10–12 (week 1)            DR M. JAMNIK            Automated Reasoning Th. Tu. 10            DR A. DAWAR            Topics in Logic and Complexity Tu. Th. 11            DR M. P. FIORE            Advanced Category Theory Th. Tu. 12            DR P. M. SEWELL            Advanced Topics in Programming Languages            Th. 2–4 (weeks 3–6)            PROF. A. M. PITTS            Semantics of HOT Languages Th. Tu. 4            DR S. W. MOORE            Advanced Computer Design F. 10–1            DR M. J. PARKINSON            Software Verification M. 2, W. 12            DR S. STATON            Categorical Logic F. 3 M. 12            DR D. J. GREAVES            System on Chip Design M. W. 10            PROF. L. C. PAULSON            Interactive Formal Verification M. 3 W. 11</p>	<p>PROF. G. WINSKEL            Advanced Topics in Concurrency Th. 2–4            (weeks 1–4)            VARIOUS            Research lectures various times              Projects</p>
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Further details and timetable amendments will be published on the course web pages <http://www.cl.cam.ac.uk/teaching/0910/acs.html>