

Dr. George Graham White
School of Electronic Engineering
and Computer Science
Queen Mary University of London
Mile End Road, London E1 4NS
England

tel +44 (0)20 7882 5242 (work)
+44 (0)20 8985 1736 (home)
+44 (0)77 1266 7723 (mobile)
graham@eecs.qmul.ac.uk
<http://www.eecs.qmul.ac.uk/~graham>

Date of Birth 26 April 1951

Nationality British

Degrees D. Phil. in Mathematics, Oxford, November 1982

Certificate In Theology, Oxford, June 1980

S.M. in Mathematics, Massachusetts Institute of Technology, June 1975

B.A. in Mathematics, Wadham College, Oxford, June 1973

Professional Committee member of UK Computing Research Grand Challenge 5, "Architecture of Brain and Mind"

Member of the London Mathematical Society and of the American Philosophical Association

Academic Career **September 1999 – present** Lecturer at the Department of Computer Science, Queen Mary, University of London.

July 1998 – August 1999

Research Associate at the Department of Computer Science, Queen Mary, University of London, working on formal verification and HCI.

June 1995 – June 1998

Research Associate at the Department of Computer Science, Queen Mary, University of London, working on computational approaches to the frame problem.

October 1992 – September 1994

Research Fellow at the International Academy for Philosophy, Liechtenstein, working on a Swiss government project on the philosophical foundations of artificial intelligence

September 1989 – August 1991

Assistant Professor in Philosophy, the American University in Cairo.

October 1987 – August 1989

Research Fellow at the Wellcome Unit for the History of Medicine, Cambridge, England.

Non-stipendiary Research Fellow, Clare Hall, Cambridge, England.

October 1984 – September 1987

Stipendiary Research Fellow, Clare Hall, Cambridge, England.

September 1980 – September 1984

Graduate Student in Theology, Phillips-University, Marburg, West Germany.

October 1977 – June 1980

Certificate in Theology, Mansfield College, Oxford.

October 1975 – September 1977

Graduate Student, Wadham College, Oxford; D.Phil in Mathematics November 1982, thesis on *The Arithmetic of Prym Varieties*, supervisor Prof. M.F. Atiyah.

September 1973 – June 1975

S.M. in Mathematics, Massachusetts Institute of Technology.

October 1970 – June 1973

B.A. in Mathematics, Wadham College, Oxford; Honour Moderations (First Class) June 1971, B.A. (First Class Honours) June 1973.

Teaching Experience

London: October 1998 – present Teaching Introduction to Programming (using Java), XML and Structured Information, The Semantic Web, Computer Architecture, Graphical User Interfaces, and Multimedia at Queen Mary, University of London.

Bath: October 1997 – September 2004 A lecture course teaching Java to art students at Bath Spa University College.

Liechtenstein: October 1992 – June 1993 Lectures on the history and philosophy of logic.

Cambridge: October 1991 – June 1992

“A” level (pre-university) tutorials on computer science, and university tutorials on logic, metaphysics, and twentieth century European philosophy (Husserl, Heidegger, Sartre, etc.)

Cairo: September 1989 – August 1991

Series of lectures on introductory logic and on introduction to philosophy, and advanced (sophomore or senior) series of lectures on computers and philosophy, on political philosophy, and on existentialism.

Cambridge: 1985 – 1989

Series of tutorials, for second or third year undergraduates, on philosophical logic, the philosophy of mind, political philosophy, on various philosophical authors (Plato, Aristotle, Hume, and Newman), and series of graduate tutorials on the history of science and on the doctrine of the Trinity in the Middle Ages.

Series of lectures, for second or third year undergraduates, on “Luther and Erasmus”, on “Medieval Philosophical Texts”, and a series of undergraduate classes on Aquinas.

Supervision of M.A theses on Thomas Bradwardine and on the influence of rhetoric on John Donne’s sermons.

Marburg: 1983 – 1984

A series of seminars on the medieval philosopher Pierre d’Ailly.

Oxford: 1975 – 1980

Series of tutorials in mathematics.

**PhD
Students**

Kavin Preethi Narashiman: thesis on affect and social space

Ilze Black: thesis on space, social and informational networks

Chrystie Mykietiak (cosupervised with Colleen Cotter): thesis on “Discourses of Desire: The Normative in Online Sex Talk”. Awarded January 2011

Kurt Ranalter (cosupervised with Gianluigi Bellin): thesis on “Reasoning about Assertions, Obligations and Causality: On a Categorical Semantics for a Logic for Pragmatics”. Awarded 2008

Book

Luther as Nominalist, Helsinki: Luther Agricola Society 1994.

**Edited
Collections**

Max Kanovich, Graham White, Hanne Gottliebsen & Paulo Oliva (editors), *Workshop on Verification and Theorem Proving for Continuous Systems* (NetCA Workshop 2005), Queen Mary, University of London Department of Computer Science Research Report RR-05-06: available at <http://www.dcs.qmul.ac.uk/researchgp/techrep.php?t=m&b=RR-05-06>

Max Kanovich, Paulo Oliva & Graham White (editors), *Mathematics for Networks: Report of the Workshop of 23*

March 2005, Queen Mary, University of London Department of Computer Science Research Report RR-05-03: available at <http://www.dcs.qmul.ac.uk/researchgrp/techrep.php?t=m&b=RR-05-03>

G. White (editor), *Causality Before Hume*, the July 1996 issue of *The Monist*.

R. Casati, B. Smith and G. White (editors), *Philosophy and the Cognitive Sciences*, Vienna: Hölder-Pichler-Tempsky 1994.

J. Teichman and G. White (editors), *Modern European Philosophy*, London: Macmillan 1994. Second, enlarged, edition 1998.

R. Casati and G. White (editors), *Philosophy and the Cognitive Sciences*, Kirchberg: The Austrian Wittgenstein Society 1993.

Articles

“Semantics, Hermeneutics, Statistics: Some Reflections on the Semantic Web” in *Proceedings of HCI2011*, British Computer Society 2011

“Bootstrapping Normativity”, *Philosophy and Technology* **24** (1), pp. 35ff., 2011, doi:10.1007/s13347-010-0005-4

“Descartes Among the Robots: Computer Science and the Inner/Outer Distinction”, *Minds and Machines* **21**(2), pp. 179–202, 2011, doi:10.1007/s11023-011-9232-4

“On Scholarship: A Response to Stefik, Foster, and D’Iorio and Berbera” in Thomas Bartscherer (ed), *Switching Codes* (Chicago University Press 2011)

(with Ruth Kempson, Eleni Gregoromichelaki, Wilfried Meyer-Viol, Matthew Purver and Ronnie Cann) “Natural-language Syntax as Procedures for Interpretation: The Dynamics of Ellipsis Construal”, in *Proceedings of the PRELUDE Workshop on Games, Dialogues and Interaction*, to appear in *Lecture Notes in Computer Science*

“Medieval Theories of Causality” in the *Stanford Encyclopedia of Philosophy*, available at <http://plato.stanford.edu/entries/causation-medieval>: last revised 2009.

“Contexts for Human Action” in Erol Gelenbe, Samson Abramsky and Vladimiro Sassone (eds), *Visions of Computer Science* (British Computer Society 2008), pp. 51–68

“Causality, Modality and Explanation”, *Notre Dame Journal of Formal Logic* **49** (2008), doi:10.1215/00294527-2008-015

“Davidson and Reiter on Actions”, *Fundamenta Informaticae* **84** (2008), pp 259–289

(with P. Healey, A. Light, A. Eshgi and A. Reeves) “Communication Spaces”, *Computer Supported Cooperative Work* (2007).

“The Philosophy of Programming Languages” in L. Floridi (ed), *The Blackwell Guide to the Philosophy of Computing and Information* (Blackwell: 2003)

“Interpolation for McCain-Turner Causal Theories” in *Non-monotonic Reasoning, Action and Change 2003 (NRAC’03)*”

“A Generalisation of Parsons and Jennings’ Theory of Argument” in *Computational Models of Natural-Language Argument (CMNA’03)*”

“A Modal Formulation of McCain and Turner’s Theory of Causal Reasoning”, in G. Ianni and S. Flesca (eds), *Proceedings of the 8th European Conference on Logics in Artificial Intelligence (JELIA)*, Lecture Notes in Computer Science 2424 (Springer 2002)

“Intensionality and Circumscription”, in S. Benferhat and E. Giunchiglia, *Proceedings of the Ninth International Workshop on Nonmonotonic Reasoning (NMR’2002)* (Morgan Kaufmann 2002), pp. 372–379

“A Linear Meta-Interpreter for Reasoning about Action and Change”, *Logic Journal of the IGPL* 9 (2001), 669–715.

“Lewis, Causality, and Possible Worlds”, *Dialectica* 54 (2000), pp. 133–137.

“Simulation, Theory, and Cut Elimination”, *The Monist* 82 (1999), pp. 165–184.

(with J. Rowson and P. Johnson) “Cross-Contextual Reference in Human-Computer Interaction”, in D.J. Duke and A. Puerta (eds.), *Design, Specification and Verification of Interactive Systems ’99* New York etc.: Springer 1999, pp. 254–261.

“Simulation, Ramification, and Linear Logic”, February 1999, in the *Linköping Electronic Articles in Computer and Information Science* 3 (1998) no 11; ISSN 1401-9841. Available from <http://www.ep.liu.se/ea/cis/1998/011/>

“Actions, Ramification and Linear Modalities”, August 1998, in the *Linköping Electronic Articles in Computer and Information Science* 3 (1998) no 12; ISSN 1401-9841. Available from <http://www.ep.liu.se/ea/cis/1998/012/>. Previously appeared as QMW Department of Computer Science Technical Report 749, August 1998. Available from ftp://ftp/dcs.qmw.ac.uk/pub/applied_logic/graham/ramMod.ps.

“Ramification and Linear Logic”, to appear in the proceedings of the IJCAI 99 Workshop on Practical Reasoning and Rationality, available from ftp://ftp.dcs.qmw.ac.uk/pub/applied_logic/graham/prrWorkshop.ps

Articles on various later medieval philosophers (Scotus, Buridan, Nicholas of Autrecourt *et al.*) in T. Mautner (ed.), *A Dictionary of Philosophy*, Harmondsworth: Penguin 1996.

“Leśniewski on Definitions” in *Kontroversen* 7 (1995), 17–27.

“Category Theory and the Representation of Geometrical Information” in F. D. Anger and R.V. Rodriguez (eds.), *Spatial and Temporal Reasoning*, AAAI 1994.

“The Bounds of Axiomatisation” in Carola Eschenbach, Christopher Habel, Barry Smith (eds.), *Topological Foundations of Cognitive Science: Papers from the Workshop at the First International Summer Institute in Cognitive Science*, Buffalo, NY. July 9-10, 1994. Reports of the Doctoral Program in Cognitive Science, University of Hamburg, Report 37, November 1994.

“Reflections on the Present Conflict”, “Husserl”, and “Heidegger” in J. Teichman and G. White (eds), *Modern European Philosophy*, London: Macmillan 1994.

“Computing Science and the Ideology of Artificial Intelligence” in Andrzej Bronk (ed.), *Tendencies and Problems in Contemporary Philosophy* (in Polish), Lublin 1994.

“Are We Finite?”, *Notre Dame Journal of Formal Logic* 34 (1993), 311–333.

“Ockham and Hume’s Question” in the proceedings of the Eighth International Congress of Medieval Philosophy of the Société internationale pour l’étude de la philosophie médiévale.

“Ockham and Wittgenstein”, in W. Vossenkuhl, R. Schönberger (eds.), *Die Gegenwart Ockhams* (Weinheim 1990), pp. 165–188.

“Luther’s Views on Language”, *Journal of Literature and Theology* 3 (1989), pp. 188–218.

“Pelagianisms”, *Viator* 20 (1989), pp. 233–254.

“Theology and Logic: the Case of Ebeling”, *Modern Theology* 3 (1987), pp. 211–225.

“Luther on the Limits of Human Ability: Dinner-Parties and Suicide”, *Neue Zeitschrift für systematische Theologie und Religionsphilosophie* 29 (1987), pp. 180–194.

“Ockham’s Real Distinction Between Form and Matter”,
Franciscan Studies vol. 44, annual XXII (1984).

“Karl Barth’s Theological Realism”, *Neue Zeitschrift für
systematische Theologie und Religionsphilosophie* 26 (1984),
pp. 54–70.

Technical Reports

(with Ruth Kempson, Eleni Gregoromichelaki, Matthew Purver,
Arash Eshghi, Ronnie Cann, Christine Howes, Wilfried Meyer-
Viol, Julian Hough, and Patrick Healey “On the Processing
of Elliptical Fragments: A Preliminary Report”

Davidson on the Equality of Actions Queen Mary, Univer-
sity of London Department of Computer Science Research
Report RR-07-03 (2007): available at [http://www.dcs.
qmul.ac.uk/researchgp/techrep.php](http://www.dcs.qmul.ac.uk/researchgp/techrep.php)

Davidson’s Equations Queen Mary, University of London
Department of Computer Science Research Report RR-06-
08 (2006): available at [http://www.dcs.qmul.ac.uk/researchgp/
techrep.php](http://www.dcs.qmul.ac.uk/researchgp/techrep.php)

McCain-Turner Theories: Alternative Causal Laws Queen
Mary, University of London Department of Computer Sci-
ence Research Report RR-06-05 (2006): available at [http:
//www.dcs.qmul.ac.uk/researchgp/techrep.php](http://www.dcs.qmul.ac.uk/researchgp/techrep.php)

Reasoning about Action: A Study in Systems Design Queen
Mary, University of London Department of Computer Sci-
ence Research Report RR-06-04 (2006): available at [http:
//www.dcs.qmul.ac.uk/researchgp/techrep.php](http://www.dcs.qmul.ac.uk/researchgp/techrep.php)

Causality, Modality, and Explanation, Queen Mary, Uni-
versity of London Department of Computer Science Re-
search Report RR-06-03 (2006): available at [http://www.
dcs.qmul.ac.uk/researchgp/techrep.php](http://www.dcs.qmul.ac.uk/researchgp/techrep.php)

A Type Theory for to Reiter’s Regression, Queen Mary,
University of London Department of Computer Science Re-
search Report RR-06-02 (2006): available at [http://www.
dcs.qmul.ac.uk/researchgp/techrep.php](http://www.dcs.qmul.ac.uk/researchgp/techrep.php)

“Reasoning about Action: Ray Reiter meets Fibred Cate-
gories”. Queen Mary, University of London Department of
Computer Science Research Report RR-05-12 (December
2005): available at [http://www.dcs.qmul.ac.uk/researchgp/
techrep.php?t=b&b=RR-05-03](http://www.dcs.qmul.ac.uk/researchgp/techrep.php?t=b&b=RR-05-03)

“GOLOG and Linear Logic Programming”, QMW Depart-
ment of Computer Science Technical Report no. 741, Jan-
uary 1998: available from [ftp://ftp.dcs.qmw.ac.uk/pub/
applied_logic/graham/golog.ps](ftp://ftp.dcs.qmw.ac.uk/pub/applied_logic/graham/golog.ps).

“The Design of a Situation-Based Lygon Metainterpreter”, QMW Department of Computer Science Technical Report no. 729, 1996: available from ftp://ftp.dcs.qmw.ac.uk/pub/applied_logic/graham/metadesign.ps.

Reviews

An article review of D.M. Gabbay and F. Guenther (eds) *Handbook of Philosophical Logic IX* (Dordrecht, Boston, London: Kluwer 2002) in *History and Philosophy of Logic* 25 (2004).

An article review of S. Abramsky, Dov M. Gabbay and T.S.E. Maibaum, *Handbook of Logic in Computer Science 5: Logic and Algebraic Methods* (Oxford 2000), in *History and Philosophy of Logic* 2002.

An article review of William of Ockham, *Quodlibetal Questions* and Adam de Wodeham, *Lectura Secunda in Librum Primum Sententiarum* in the *Heythrop Journal* XXXIV (1993), pp. 296–306.

An article review of *Thesaurus Lutheri*, ed. T. Mannermaa, A. Ghiselli, S. Peura, in *Teologinen Aikakauskirja* 4 (1990), pp. 329–331.

A review of *Faith, Will, and Grammar*, by H. Kirjavainen *et. al.*, in *Modern Theology* 6 (1989), pp. 111–112.

An article review of *William Ockham*, by M.McC Adams, in *Ratio* NS 1 (1988), pp. 84–94.

A review of *Nicholas of Cusa’s Dialectical Mysticism*, by J. Hopkins, in the *International Journal for the Philosophy of Religion* 23 (1988), pp. 54–56.

A review of *Lessing’s Ugly Ditch*, by G.A. Michalson, in *Modern Theology*.

Presentations

“Semantics, Hermeneutics, Statistics” at HCI2011, Newcastle, July 2011

“The Form of Context” at the Queen Mary LOCI workshop, June 2011

(with Ruth Kempson) “Communicative Interaction in Dialogue: Split Utterances, Grammar, and Context” at the inaugural workshop for the LOCI project, CNRS Paris, November 2010

“Representing Trees” at Dynamic Models of Natural Language Understanding: A Conference in Honour of Ruth Kempson and Her Contribution to Linguistics, London School of Economics, November 2010

“Closing Remarks” at the workshop Inference in Dialogue, Queen Mary University of London, October 2010

“Bootstrapping Normativity” at a workshop on Inside and Outside of Computers and Minds, Institute of Philosophy, School of Advanced Studies, University of London, March 2010

(With Ruth Kempson) “The Modelling of Context: Grammars as Mechanisms for Structural Update in Real Time” at the workshop on Games, Dialogues and Interaction, CNRS Paris, September 2009

“Equational Reasoning and the Success or Failure of Actions” at the Third Workshop on Formal Pragmatics, Verona, December 2008

“On Contexts” at the Third Workshop on Formal Pragmatics, Verona, December 2008

“Fodor, Abduction and Modularity” at the Information, Media and Communication Seminar, Department of Computer Science, Queen Mary, University of London, 5 March 2008

“Category Theory and the Philosophy of Language” at the Logic and Semantics Seminar, Computer Lab, Cambridge, 23 November 2007

“Bicategories and the Philosophy of Language” at Category Theory 2007, Carvoeiro, Portugal, 17–23 June 2007

“Davidson’s Equations” at the Institute of Philosophy, School of Advanced Studies, London, 10 May 2007

“Adverbs” at the 85th Peripatetic Seminar on Sheaves and Logic, Université de Nice Sophia-Antipolis, 24–25 March 2007.

“Operationalism in Mathematics” at the Cambridge Set Theory Seminar, 13 February, 2007

“Davidson’s Equations” at the 84th Peripatetic Seminar on Sheaves and Logic, Technische Universität Braunschweig, 14–15 October 2006

“Cut Elimination and Reasoning about Action” at the Second Workshop on the Logic for Pragmatics (a satellite event to WoLLIC 2004), July 23–24 2004, at LACL, University of Paris 12, Créteil, France

“A Modal treatment of Causality and Non-Monotonic Reasoning” and “Mathematical Practice, Axiomatization and Intuition: some Reflections on the History of Artificial Intelligence” at the First Workshop on the Logic for Pragmatics, Università di Verona, September 1–5, 2003

“Simulations and Theories: Balls and String” at Common Sense 98, Queen Mary and Westfield College, London, 1998: the paper is at ftp://ftp.dcs.qmw.ac.uk/pub/applied_logic/graham/simulation.ps and the slides are at ftp://ftp.dcs.qmw.ac.uk/pub/applied_logic/graham/simSlides.ps.

(With John Bell and Wilfrid Hodges) “Building Models of Prediction Theories”, at Knowledge Representation 98, Trento, Italy: available from ftp://ftp.dcs.qmw.ac.uk/pub/applied_logic/graham/bmpt.ps.

“Linear Logic and the Frame Problem” at the Temporal Reasoning Group Seminar, Imperial College, London, Autumn 1996.

“Connectionism and Linear Logic” at the Applied Logic Group, Queen Mary and Westfield College, London, Autumn 1995.

(with John Bell) “A Model-Based Approach to Nonmonotonic Reasoning” at the workshop on Implementing Nonmonotonic Reasoning, IJCAI, Quebec, August 1995.

“Connectionism and Linear Logic” at the Center for Theoretical Study, Prague, November 1994.

“Connectionism and Linear Logic” at the Categorical Logic in Computer Science Seminar, University of Cambridge, October 1994.

“Leśniewski on Definitions” at the International Workshop on Spatial Reasoning, Konstanz, August 1994.

“The Limits of Axiomatisation” at the First International Summer Institute in Cognitive Science, Buffalo, July 1994.

Organising a workshop on “Artificial Intelligence and the Metaphysics of Presence” at the First International Summer Institute in Cognitive Science, Buffalo, July 1994.

“Connectionism and Linear Logic” at the First International Summer Institute in Cognitive Science, Buffalo, July 1994.

“Truth in the Middle Ages” at the Jagiellonian University, Cracow, 7 October 1993.

“Pierre d’Ailly: ‘God is a Proposition’” at the Polish Philosophical Society, Lublin branch, 5 October 1993.

“Truth in the Middle Ages” at the Catholic University of Lublin, Department of Philosophy (Section of Logic and Methodology of Science), 5 October 1993.

“Vagueness and Higher Order Logic” at the Maria Curie-Skłodowska University, Lublin, 4 October 1993.

“Computer Science and the Ideology of Artificial Intelligence” at a conference on Tendencies and Problems in Contemporary Philosophy (organised by the Catholic University of Lublin) at Kazimierz Dolny (Poland), 2-3 October 1993.

“Taking Cognitive States Seriously” at the philosophy seminar, University of Constanz, December 1992.

Talks on the *a priori* in Henry of Ghent, John Duns Scotus, and Nicholas of Autrecourt in a seminar on the *a priori* at the International Academy for Philosophy, Liechtenstein, November and December 1992 and May 1993.

“*A priori* Knowledge and the Omega Rule” in a seminar on the *a priori* at the International Academy for Philosophy, Liechtenstein, November and December 1992.

“Hegel, Heidegger and Mathematics” at the Clare Hall Interdisciplinary Working Group, University of Cambridge, June 1992.

Two seminars on “Solovay’s Completeness Theorem” at the Logic Seminar, Department of Pure Mathematics and Mathematical Statistics, University of Cambridge, June 1992.

“Buridan on Epistemic Paradox” at the Classics Faculty seminar, University of Cambridge, February 1992.

“Incarnation and the Body of Thought” at the *Shadow of Spirit* conference, Kings College, Cambridge, July 1990.

“Perfect Health and Levitation: Galenic and Aristotelian Arguments in Medieval Medicine” at the Department of Philosophy, University of Toronto, in January 1989.

“Faith and Science in Ockham’s Theology” at the D Society (the Cambridge philosophy of religion seminar) in October 1988.

“Ockham and Wittgenstein” at the conference *Die Gegenwart Ockhams* at the University of Munich in March 1988.

“Ockham and Hume’s Question” at the Eighth International Congress of Medieval Philosophy of the Société internationale pour l’étude de la philosophie médiévale, in Helsinki, August 1987.

“Calvin and Post-Modern Theology” at the Systematic Theology seminar of the Faculty of Divinity, Cambridge, in June 1978.

“Angels and Natural Science in the Middle Ages” at the Cambridge History and Philosophy of Science seminar in March 1987.

“Luther’s Views on Language” at the conference *The Sacred Word* at Lancaster University, July 1986.

“Bultmann and neo-Kantianism” at the Systematic Theology seminar of the Faculty of Divinity, Cambridge, in May 1986.

“Ockham’s Real Distinction Between Form and Matter” at the conference on the 700th anniversary of William of Ockham’s birth, at the Franciscan Institute, St. Bonaventure, NY, in October 1985.

“Two Ways of Thought: Trees and Building Blocks” at the Clare Hall history group in May 1985.

“Theology and the Philosophy of science in the Middle Ages” at the D Society (the philosophy of religion seminar of the University of Cambridge) in March 1985.

Computer Experience

Extensive experience programming both mainframes and personal computers; I have worked in Mercury Autocode(!), FORTRAN, Pascal, and am expert in LISP and the typesetting system TeX. (During the year 1991–92 I supported myself by programming in TeX, mostly for Cambridge University Press.) I have doing a good deal of work with Prolog (and other logic programming languages) for my research project at QMW, and I have lately been working with Java for teaching and for developing Web technology. I am currently Webmaster for the Department of Computer Science at Queen Mary, and have done a great deal of work with XML and various server-side technologies.

Languages

A fluent command of German, and a good reading knowledge of French, Latin, and classical Greek.

References

Professor Edmund Robinson
Department of Computer Science
Queen Mary and Westfield College
Mile End Road
London E1 4NS
Tel +44 171 975 5209
<mailto:edmundr@dcs.qmw.ac.uk>

Dr. Pat Healey
Department of Computer Science
Queen Mary, University of London
London E1 4NS
United Kingdom
Tel +44 (0)20 7882 5211
ph@dcs.qmul.ac.uk

Professor Peter MacOwan
Department of Computer Science
Queen Mary, University of London
London E1 4NS
United Kingdom
Tel +44 (0)20 7882 5224
pmco@dcs.qmul.ac.uk