

Curriculum Vitae

Gillian CRAMPTON SMITH MA FRCA FRSA

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Fellowships and membership of academic and professional bodies

- 2014 ACM SIGCHI 2014 Lifetime Achievement in Practice Award for outstanding contributions to the practice and understanding of human-computer interaction
- 2001 Senior Fellow, Royal College of Art, London (awarded to leading figures in art and design)
- 2000 Leverhulme Research Fellowship (renounced in order to take the Directorship of Interaction Design Institute Ivrea)
- 1993-96 Associate Fellow and member of the Governing Body, Newnham College, Cambridge University
- 1991 Fellow, Royal Society of Arts
- 1991-2001 Fellow, Royal College of Art

Academic positions

University of Applied Sciences Potsdam

- 2014 Honorary Professor

Massachusetts Institute of Technology

- 2011 Research affiliate Senseable City Lab, member advisory board

IUAV University of Venice Faculty of Design and Arts, Italy

- 2010-11 Director of the Graduate Programme in Visual and Multimedia Communication (Corso di Laurea Magistrale)
Member of the Commission for the allocation of Leonardo graduate bursaries.
Member of the Interaction Research Unit
- 2008-2011 Sponsored chair IUAV University of Venice (Fondazione di Venezia)
- 2007-2009 Vice-director Masters in Visual and Multimedia Communication
- 2006-2008 Professor *a contratto* Corso di Laurea Specialistica in Comunicazione Visuale e Multimediale; with Philip Tabor responsible for developing and teaching new interaction design courses, supervising theses and publishing the results on the internet.

Interaction Design Institute Ivrea (Interaction-Ivrea), Italy

- 2001-2005 Phase 1: Founding Director. Responsible for establishing the new Institute and its facilities, and overseeing its teaching, research and information-dissemination programmes and its administrative, financial and external-relations policies and activities;
Phase 2: Director of the Academic Programme and chair of the Institute's Directors.

- 2000 Consultant to Senator Franco Debenedetti and Telecom Italia regarding the Institute's establishment
- Royal College of Art, London (RCA) (graduate school of art and design)*
- 1996-99 Chair, Research Policy Committee, responsible for steering the RCA's research policy and budget, and briefing its Rector (President) on how to explain the nature and future of art and design research to the UK Government's Research Assessment body.
- 1996-99 Planning and Resources Committee
- 1994-2000 The Director, Computer Related Design Research Studio, responsible for initiating and developing the interaction-design research programme in collaboration with Interval Research Corporation, Palo Alto, and developing industry collaborations worldwide
- 1992-2000 Professor of Computer Related Design (*ordinario equivalent*)
- 1992-2000 Course Director, Masters programme in Computer Related Design (CRD), developing the role of the art and design disciplines in the design of interaction with electronic tools, products and media
- 1990-92 Course Leader CRD, responsible for developing the Masters programme.
- 1989-90 Senior Tutor in Computing, responsible for setting up the Apple Macintosh studio and RCA-wide computing courses, particularly for the Faculty of Communication, and for designing and teaching the new short professional-development outreach courses: 'Design for DTP' for people without a design background, and 'DTP in the Organisation' for those charged with setting up DTP in their company
- Other institutions*
- 2013 Workshop *Introduction to Interaction Design* CIID, Copenhagen (with Philip Tabor and Bill Verplank)
- 1991-92 Teacher (with others), Human-Computer Interaction course, final year of BSc programme, Computer Science department, Imperial College of Science, Technology and Medicine, London
- 1984-88 Senior Lecturer, St Martin's School of Art (now Central St Martin's School of Art and Design), London. Course Director, Postgraduate Diploma in Graphic Design and Computers
- 1983-84 Associate Senior Lecturer, St Martin's School of Art, responsible for setting up the Graphic Design department computer studio and a new Postgraduate Diploma programme in Graphic Design and Computers for professional designers
- 1982-83 Part-time lecturer, BA Graphic Design programme, St Martin's School of Art
- 1981-83 Part-time lecturer, MA Graphic Design programme, Central School of Art and Design, London
- 1977-82 Part-time lecturer, BA and Vocational Graphic Design programmes, and author, BA Graphic Design Degree Programme document, Canterbury College of Art, UK
- Publications and Keynote speeches**
- 2014 Interaction14, Amsterdam: Keynote speech: "Is There a Language of Interaction Design?"
- 2013 ACM Mobile HCI, Munich: Keynote speech, "Bad news/ Good news"
- 2012 World Internet Festival Limoges: Keynote speech, Surfing the Breaking Wave
- 2012 M. Righetto, G. Crampton Smith, P. Tabor, "Aura: Wearable Devices for Non-verbal Communication between Expectant Parents", *Studies in Material Thinking*, Vol.7, 2012.
- 2012 E. Rossi, G. Crampton Smith, P. Tabor, "I Mirabilia: Taking Care of the Emotional Life of Hospitalized Children". *Studies in Material Thinking*, Vol.7, 2012.
- 2011 Design Principles and Practices, Rome: Keynote Speech "Design: Utile o Futile"
- 2011 ACM SIGCHI Tangible Embedded Interfaces, Madeira: Keynote speech "Bouncing Back"
- 2010 SIGRADI 2010 Bogotà: Keynote speech "Research in design"
- 2010 "In Front of the Wave" in *Index: un percorso di specializzazione in Interaction Design Experience*. Ed. Sebastiano Bagnara, Mario Mattioda. Franco Angeli, Roma.
- 2009 Report of the Project on new Technologies for Footwear Point of Sale

- 2008 ELISAVA TdD (Spanish Design Journal distributed by Actar) “The Craft of Interaction Design”
- 2007 ‘Foreword’ in Bill Moggridge, *Designing Interactions*, MIT Press, London, and Cambridge Mass.,
- 2007 ‘Simplicity’ in LUX 8, Foscarini, Marcon (with Philip Tabor)
- 2006 ‘Foreword’ in Massimo Botta *Design dell’informazione*, Valentina Trentini editore, Trento, Italy.
- 2006 ‘Introduction’ and ‘More than One Way of Knowing’ (with Philip Tabor) in Sebastiano Bagnara, Gillian Crampton Smith eds., *Theories and Practice in Interaction Design*, Laurence Erlbaum. New York
- 2004 Keynote speech ACM SIGCHI Designing Interactive Systems conference, Cambridge, USA
- 2004 ‘Educating Interaction Designers’ in John Maeda, *Creative Code*, Thames & Hudson London
- 2004 Introduction in Mario Mattioda, Linda Norlen and Philip Tabor, eds., *Interaction Design: Almanacco 2004*, Interaction Design Institute Ivrea, Italy
- 2004 ‘From Material to Immaterial and Back and Back Again’ (Keynote lecture), *Proceedings of the ACM DIS [US Association for Computing Machinery: Designing Interactive Systems] Conference*, Cambridge, MA, ACM Press, New York
- 2004 ‘Formazione per ambiti contemporanei [Education for the Contemporary World]: Interaction Design Institute Ivrea’ in *Creazione Contemporanea*, Fondazione Adriano Olivetti, Luca Sassella Editore, Rome
- 2004 ‘Il quaderno di Gillian [Gillian’s Notebook]: Key Places and People in Interaction Design’ in *Cluster 3 ‘On Innovation’*, Turin
- 2004 ‘Transferring Design Research to the Marketplace’ in *Bridging Concepts: Developing the Interface between Design, Education and Industry*, EDF, Glasgow
- 2003 ‘Developing the Interface between Design, Education and Industry’, The Lighthouse European Design Forum, Glasgow
- 2003 ‘Interaction Design’ in *I.C.T. Design, Smau Industrial Design*, Milan
- 2003 Editor (with Mario Mattioda and Philip Tabor), and Introduction in, *Interaction Design: Almanacco 2004*, Interaction Design Institute Ivrea, Italy
- 2003 Introduction in Giulio Ceppi et al. *Mobile Embodiments*, Interaction Design Institute Ivrea, Italy
- 2000 Foreword in Fiona Raby, *Flirt*, RCA/CRD Publications, London
- 2000 Invited contribution, *Interactions*, Design issue, Apr.
- 1999 Foreword in Anthony Dunne, *Hertzian Tales*, RCA/CRD Publications, London
- 1997 ‘Interactive Media’ in *Journal of the American Institute of Graphic Art*
- 1997 ‘The CRD Programme’, *Interactions*, Nov.
- 1996 ‘The Role of the Artist-Designer’ (with Philip Tabor) in Terry Winograd, ed., *Bringing Design to Software*, Addison-Wesley, Reading MA (published in Japanese, 1998)
- 1994 ‘Humanising Technology: Not Much Progress So Far’ in *Design Renaissance*, ICOGRADA/ICSID international conference proceedings, Open Eye Press, Brighton
- 1994 ‘Going through Customs: Changing Conventions in Architecture, Film and Interaction Design’ (with Philip Tabor), *Human Computer Interaction*, 9(1)
- 1993 ‘Design of a Database for Fashion Designers’ (with Charles Hill, Eleanor Curtis, Michael Scaife), ACM SIGCHI/INTERCHI conference proceedings
- 1993 ‘The Art of Interaction’ in Rae Earnshaw and John Vince, *Interacting with Virtual Environments*, Wiley, London
- 1986 Paper, The State of the Art in Computer Art and Animation conference 1986, British Computer Society Displays Group, in Rae Earnshaw and John Lansdown, eds., *Computers in Art and Design*, Springer-Verlag, Berlin
- 1976-83 Research, writing and production of educational comic strips and teaching material, Longman Publications, London

Academic accreditation/advisory roles

- 2014- Member Research Committee Free University of Bolzano
- 2014 Aalto University Finland search adviser

2013 Advisory Board Fabrica, Treviso
 2012 Video conference organised by California College of the Arts: BIX Bachelors in Interaction Design—Raising the Bar.
 2012 Quinquennial review School of Design Carnegie Mellon University, Pittsburgh
 2007- Advisory Board Senseable City Lab MIT
 2007-10 Advisory Board of the Copenhagen Interaction Design Institute
 2006 Advisor to Computer Science Teaching Committee, University of Cambridge
 Presentation: “Should we do design as research in Cambridge?”
 2003 Advisory Board on interaction design, Design department, University of Washington
 2000 Accreditation panel, Ravensbourne College of Art, London
 1996-2000 External Examiner, BSc Media Lab Arts, Plymouth University
 1992-96 External Examiner, MSc Computing and Design, Ulster University, Derry
 1989-93 External Examiner, MA Design and Computer Graphics, City Polytechnic, London
 1993 Consultant, Design department, Carnegie Mellon University, Pittsburgh, on interaction design teaching
 1992 Consultant, Computer Science department (Professor Terry Winograd), Stanford University, on interaction design teaching
 1991-92 CNAA (UK Council for National Academic Awards) Graphic Design Degree Course Accreditation Panel.

Research-related activities

2010-11 Programme committee Healthcare Systems, Ergonomics and Patient Safety International Conference
 2010-11 Programme committee Designing Pleasurable Products and Interfaces 2011
 2009 Programme Committee MultipleWays conference on Design Research, SUPSI Lugano
 2009 Project referee for the Dutch government
 2009 Reader for MIT Press
 2008 Dipartimento di Disegno Industriale IUAV University of Venice: Research project with Associazione Calzaturifici Riviera del Brenta, in collaboration with H-Farm, hi-tech incubator, Roncade, Treviso.
 2008 Advisory Board Senseable City Laboratory, Massachusetts Institute of Technology (MIT)
 2007 Reviewer for Microsoft research fellowship applications
 2006 Programme committee Convivio EU workshop, ‘The Big Issues: Research agenda for ICT design in the next ten years’
 2005-2007 Advisory board Salzburg University Research Institute for Technology and Society
 2005-6 Programme Committee, Microsoft Research Conference on Simplicity in Computing Systems (2005) and Ambient Intelligence (2006), Cambridge UK
 2005-2006 Chairman, Convivio, the EU Network of Excellence for the people-centred design of interactive technologies
 2004 Programme Committee, International Conference on Healthcare Ergonomics, Florence
 2002 One of 15 founder members, Convivio, the EU Network of Excellence for the people-centred design of interactive technologies
 2002 Evaluation board, Nypels Design Research Fellowships, The Netherlands
 2002 NordCHI Programme Committee
 2001 Design for Future Needs, the EU project to demonstrate how design thinking could impact EU research policy; advisor to the project team
 2000-06 Advisory panel, European Commission Future and Emerging Technologies Section
 2000-04 Distinguished Advisor, ACM SIGCHI Conference Committee
 2000 Assessor for the Swedish Government on the work of the Interactive Institute, Sweden’s Distributed Media laboratory
 1999-2000 English Arts and Humanities Research Board panel, assessing all English funding applications in art, design and performing arts.
 1999 Research proposals evaluator for the Swedish Government Research Foundation
 1997 Consultant, Swedish Government Research Foundation. Drafted joint report (with Andy Lippman and others)

- 1996-2000 Conference Programme Committee DIS (Designing Interactive Systems), US ACM (Association for Computing Machinery)
- 1995 Info-Eco Conference Committee, Netherlands Design Institute
- 1995-2000 Designing Interactive Systems programme committee, ACM SIGCHI conference
- 1994 Editorial Committee, *Advances in HCI*, published by Lawrence Erlbaum, New York
- 1991 Organiser and chair, British Computer Society (BCS) Human Computer Interfaces for Design and Scientific Visualisation conference
- 1990-91 Computer Graphics and Displays Group committee, British Computer Society (BCS)
- 1990 Organiser and participant, Hand Tools and Head Tools panel, ACM SIGGRAPH conference, Dallas; published in *ACM SIGGRAPH 1990*
- 1990-91 Computer Graphics and Displays Group Committee, BCS
- 1988-89 Visiting Scholar, Design Discipline, Open University, Milton Keynes
- 1987 Participant NATO International Advanced Study Institute, Lucca, Italy: Theoretical Foundations for Computer Graphics and CAD

CRD Research studio funding

- 2000 (William Gaver) RCA component of the EQUATOR Interdisciplinary Research Centre. A collaboration between eight UK university departments, this was one of only three grants in 2000 from the UK Engineering and Physical Science Research Council to found such centres (6 years; £1.2m)
- 2000 Intel professor's survey grant (3 months; £10,000)
- 1999 (Fiona Raby) FLIRT EU Esprit Mobility project (2 years; £250,000)
- 1999 (William Gaver) Appliance Design Studio (Bristol) and Hewlett Packard project (2 years; £200,000)
- 1998 (Anthony Dunne and William Gaver) PRESENCE EU Esprit project (2 years; £250,000)
- 1997 (William Gaver) Apple Computer, Representation of Time-based Information
- 1994 Interval Research Corporation (Palo Alto) grant, one of three large grants given to universities, the others being to Stanford and the Media Lab (7 years; £3.5m)
- 1991-93 (Charles Hill, Eleanor Norton, Michael Scaife) New Computer Tools for the Fashion Industry, for a consortium of British fashion manufacturers (£12,000)

Doctoral supervision and examining

- 2008-9 PhD Examiner, University of the Arts, London
- 2006 PhD examiner, Technical University, Delft
- 1998 PhD Examiner, Computer Science department, Imperial College, London
- 1995-2000 PhD Supervisor, Computer Related Design department, Royal College of Art, London
- 1994 PhD Examiner, Design discipline, Open University, Milton Keynes
- 1991-95 PhD Supervisor, Design discipline, Open University, Milton Keynes
- 1989 PhD Supervisor, Middlesex Polytechnic, London
- 1986 PhD Examiner, Design Research department, Royal College of Art, London

Professional recognition and consultancies

- 2003 Hot 50 (award for the 50 people who made the most important contributions to design over 2002-03), *Design Week*, UK, Sep.
- 1994-99 Consultant, Interval Research Corporation, Palo Alto
- 1992-94 Consultant, Apple Computer Advanced Technology Group, Cupertino, including work on interface design strategies for small office products
- 1989-91 Consultant (with Martin Locker), Human-Computer Interaction project, National Gallery, London, and Technology Research Ltd
- 1989 Design and DTP templates for the new architectural journal *Architecture Today*
- 1988 Consultant, Quick Europe, Japanese provider of stock exchange information, on improving computer documentation
- 1983 Designer and producer, *Chernikov* exhibition, Royal College of Art and The Netherlands
- 1981-83 Designer and programmer of a page-layout application for magazine design running on Apple computers (a DTP forerunner)
- 1978-84 Private practice in graphic design

1978-83 The Art Editor, *Sight and Sound*, the British Film Institute journal
 1975-78 The Art Editor, *Times Literary Supplement*
 1971-75 Graphic designer, *Sunday Times*
 1969-71 Graphic designer, Felix Gluck, book designer and publisher, London
 1968-69 The Art Editor, Careers Research and Advisory Centre, Cambridge, UK

Professional advisory and assessment activities

2011 Juror, Adobe Student Achievement Awards, San Jose, USA
 2006-08 Nesta (National Endowment for Science, Technology and the Arts UK); mentor to fellow Gilbert Cockton
 2004-05 Jury, Premio Signes, Barcelona
 2004 Jury, Palinsesto, Bologna
 2004 Jury, IF Communication Design Award, Hanover
 2004 36th Smau Industrial Design Awards, Milan
 2003-2007 Nesta (National Endowment for Science, Technology and the Arts UK), Graduate Pioneer Programme Committee
 2003 35th Smau Industrial Design Awards, Milan
 2002 Advisory panel member and juror, *Output* International Student Graphic Design Awards
 2001 Invited guest, Council for the USA and Italy meeting, Como
 2001 Juror, Europrix New Media Awards
 1997 Juror, CeBit Hanover Design Awards
 1995 Juror, *ID* magazine Design Awards, New York
 1994 Juror, Essen Design Awards

Editorial, advisory and exhibition activities

2000 Editorial Board, Millennium Year celebrations for British Science Week
 2000 Advisory meeting on Technologies for the Creative Industries with the UK Minister of Trade and Industry
 1999-2000 Advisory Board, Wellcome Wing Digitations Gallery, Science Museum, London
 1999-now American Institute for Graphic Arts Advance for Design Group, advising on how the AIGA should confront the development of new media
 1999 Director, public exhibition of the research work of the Royal College of Art (RCA) CRD Research Studio
 1998-2000 General Editor, RCA/CRD publications
 1998 Curator, RCA CRD department's contribution to the Powerhouse exhibition in Whitehall on the occasion of the international summit of heads of state

Conference contributions and guest lectures

2013 Digital Humanities, A Dialogue between Visual Arts and Sciences, Ca'Foscari, Venice: Content is king: designing interactivity in museums
 2013 TouchFair Masters Course, Luav University: Interactive installations workshop
 2013 Potsdam Technical University : Introduction to Interaction Design
 2013 Fjord, Madrid: Educating Interaction Designers
 2013 Introduction to Interaction Design workshop Copenhagen Institute of Interaction Design (with Philip Tabor, Willian Verplank)
 2013 Metri Cubi cultural centre, Venice: Campi di Forza. Disegnare interazione (with Philip Tabor)
 2012 Ca'Foscari Digital week: Interactin Design, una professione in crescita
 2012 Salone dei Beni Culturali Venice: Museum Interactives
 2012 SUPSI Lugano, Research Conference: Challenges for Interaction Design
 2012 H-Farm Digital Academy Treviso: Interaction Design in the applicatoin design cycle
 2011 Free University of Bozen/Bolzano: Mood and Meaning in Interaction Design (with Philip Tabor)
 2011 Microsoft Design Summit Conference: presentation of student work (with Philip Tabor)

- 2009 Ecole Polytechnique Federale de Lausanne (EPFL): invited lecture “Designing Mobile Communications”
- 2009 Danish Design School, Copenhagen: open lecture “Interaction Design”
- 2009 Nuova Accademia di Belle Arti, Milan: Invited lecture “Interaction Design Strategies”
- 2008 Ars Electronica: invited lecture “Is interactivity just a buzzword?”
- 2007 Invited participant Stanford workshop ‘Bringing Design to Software 15 years on’
- 2007 Panel member, ‘Intersections’ design conference Design Council of England, Newcastle
- 2007 Lecture, ‘What have you always wanted to know about interaction design...’ with Bill Mogridge, Design Museum, London
- 2007 Lecture ‘Research in Design’ InnovationsForum interaction design conference, University of Potsdam
- 2007 Lecture “Interaction Design: progettazione degli artefatti interattivi” Alghero Design Convegno, University of Sassari, Sardinia
- 2006 Invited participant Research in Interaction Design
- 2006 Lecture ‘From material to immaterial and back again’ Stanford Computer Science Department, Palo Alto
- 2006 Presentation at Interfaccia 06, University of Tor Vergata
- 2005 Lecture ‘Research in Design’ Technical University, Delft
- 2005 Doctoral seminar ‘Research in interaction design’ Disegno industriale e multimediale, Politecnico di Milano
- 2004 ‘Collaborative Environments for Creativity and Innovation: The Challenges for Design’, EU IST (Information Society Technologies) conference, The Hague
- 2004 ‘Service Design’, Ericsson ‘È l’ora dei servizi: Il contributo dell’evoluzione tecnologica allo sviluppo della società civile’ (Now Is the Time of Services: The Contribution of Evolving Technologies to the Development of a Civilised Society) annual conference for CEOs and senior managers of Italian telecoms companies, Portofino
- 2004 ‘Simplicity’, Philips Italy annual conference, Genoa
- 2004 ‘Mobile Embodiments: New Convergences in Mobile Telephony’, Palazzo della Triennale, Milan
- 2003 ‘Interaction Design Institute Ivrea’, Tipping Point (centri di creatività in Italia) series, Biennale di Venezia Arte, Venice
- 2003 ‘Interaction Design’, Doors East 2 conference, Bangalore
- 2003 ‘Interaction Design: Where the Virtual Meets the Physical’, EU IST (Information Society Technologies) conference, Milan
- 2003 ‘Interaction Design at Interaction-Ivrea’, Hybrid Discourse: Interdisciplinary Symposium on Interaction Design, University of Washington
- 2003 ‘Visible/Invisible’, 1st National Symposium on Foundations of Interaction Design, Ivrea, Italy
- 2003 ‘Interaction Design Institute Ivrea’, EU Disappearing Computer Jamboree 2003, Ivrea, Italy
- 2003 ‘Interaction Design at Interaction-Ivrea’, Profile Intermedia 6 conference, Bremen
- 2003 Invited member, Design Education for New Media panel, DEF (Digital and Electronic Media Festival), Rotterdam
- 2003 Round table on Research and Innovation, Firenze World Vision festival, Florence
- 2002 ‘The Role of the designer in the creation of information technologies’, MIT Media Lab, Cambridge, MA
- 2002 ‘The Medium of Interaction Design’, keynote speech, AIGA (American Institute of Graphic Arts) Advance for Design symposium, Las Vegas
- 2002 ‘Where’s the Pleasure?’, Italian Society for Ergonomics, Turin
- 2002 Panel, EU Future Perfect conference: Design for Future Needs, Brussels
- 2002 ‘Interaction-Ivrea’, NTT Museum, Tokyo
- 2002 Invited lecture, The Role of Private Institutions in the Support of Contemporary Art conference, Olivetti Foundation, Rome
- 2002 Invited lecture, SIGCHI (Special Interest Group on Computer-Human Interface) Italy/Ergonomics Society of Italy joint meeting, Turin

- 2002 Keynote speech, ACM DIS (US Association for Computing Machinery: Designing Interactive Systems), London
- 2002 'Futuro prossimo' (The Near Future), Unione Industriale di Torino (CBI equivalent) and Torino Internazionale, Turin
- 2002 Invited lecture, Torino Internazionale Cervelli in Fuga (Turin International: The Brain Drain), seminar series on local government strategies in relation to developments in new technology
- 2001 Contributor, round table on the effects of new technologies, La Sapienza University, Rome
- 2000 Keynote speech, HCI 2000 conference, Sunderland, UK
- 2000 Invited lecture, EU Cumulus (European art and design schools network) meeting, Helsinki
- 2000 Invited lecture, AIGA (American Institute of Graphic Arts) Convergence or Collision conference, New York
- 1999 Invited lecture, Approaches to Design Research conference, Jan van Eyck Academie, Maastricht
- 1999 Invited lecture, Nortel Networks, Ottawa
- 1998 Invited lecture, Stanford University Computer Science department
- 1998 Presentation on design in IT to senior management, Blue Circle Cement Company
- 1998 Panel, Arthur Andersen UK internal conference
- 1998 Invited speaker, international seminar on the teaching of software engineering, Newcastle University
- 1998 Invited lecture, MIT Media Lab sponsors' meeting, Cambridge MA
- 1998 Invited lecture, IBM Conference on Human Computer Interaction, White Plains
- 1997 Invited lecture, 'Britain meets the Bay', UK Government Department of Trade and Industry conference, Santa Clara
- 1997 Invited lecture, Bradford University
- 1996 Invited lecture on Virtual Airports project, Doors of Perception conference, Amsterdam
- 1996 Invited lecture on Virtual Airports project, JAL conference, Tokyo
- 1996 Invited lecture, UK Government Department of Trade and Industry conference, Salt Lake City
- 1995 Invited lecture, MIT Media Lab, Cambridge, MA
- 1995 Invited lecture, 1001 conference, Jan van Eyck Academie, Maastricht
- 1995 Workshop moderator, Doors of Perception conference, Amsterdam
- 1995 Invited speaker, ATypl conference, Barcelona
- 1995 Invited participant, Info/Eco Worlds colloquium, Netherlands Design Institute, Amsterdam
- 1994 Discussion chair, Doors of Perception conference, Amsterdam
- 1993 Invited lecture, Doors of Perception conference, Amsterdam
- 1993 Invited lecture, ICOGRADA/ICSID (International Council of Graphic Design Associations/International Council of Societies of Industrial Design) Design Renaissance conference, Glasgow
- 1993 Session chair, ACM SIGCHI/INTERCHI conference, Amsterdam
- 1993 Lecture, Domus Academy, Milan
- 1993 Seminar, Electronic Engineering department, Essex University, Colchester
- 1993 Invited lecture, Interacting with Images conference, BCS Displays Group, National Gallery, London
- 1992 Invited participant, 20th anniversary conference of the Martin Centre for Architectural Research, Cambridge UK
- 1992 Invited participant, The Future of Software Design symposium, Santa Cruz, CA (which led to the book *Bringing Design to Software* edited by Terry Winograd)
- 1992 'The Aesthetic Function', invited lecture, British Computer Society HCI Group Graphic Design at the Interface conference, London
- 1992 Invited participant, Lessons Learned from Teaching HCI workshop, ACM SIGGCHI conference, Monterey, CA
- 1991 Poster/paper, 'The Work of the Computer Related Design Course', ACM SIGCHI conference, New Orleans

- 1991 Seminar, 'What Do Artist-Designers Know?', Ergonomics Unit, University College London
- 1990 Organiser and participant, Hand Tools and Head Tools panel, ACM SIGGRAPH conference, Dallas; published in *ACM SIGGRAPH 1990*
- 1990 Open lecture, 'Computers and Design', Central St Martin's School of Art and Design, London
- 1989 Seminar, Design discipline, Open University, Milton Keynes
- 1988 Paper, Graphic Design and Human Computer Interface workshop, Queen Mary College, London
- 1988 Seminar, 'The Role of Graphic Design in HCI', York University
- 1988 Invited lecture, EEC Synthetic Images conference, Sorbonne, Paris
- 1988 Invited lecture, British Computer Society's Electronic Design: The State of the Art conference, Royal College of Art, London

Education

- 1973-77 Camden Institute: Fine Art (part-time)
- 1968 MA (Part I: Moral Sciences [Philosophy]; Part II: Fine Arts [History of Art]), Cambridge University
- 1964-68 Newnham College, Cambridge University
- 1957-63 St Paul's Girls' School, London