

Curriculum Vitae: Ralph Schroeder**April 26, 2009**

(complete CV and copies of selected publications are available at <http://people.oi.ox.ac.uk/schroeder/>)

Personal Details

Citizenship UK, US (dual citizenship)
Date and place of birth 13.1.1958, Bonn, Germany
Marital Status Married, two children age 15 and 17
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Employment

2009- Senior Research Fellow, MSc Programme Director, Oxford Internet Institute
2006-9 James Martin Research Fellow, Oxford Internet Institute
2004-2006 Research Fellow, Oxford Internet Institute, University of Oxford
1998- 2004 Professor, Department of Technology and Society, School of Technology
Management and Economics, Chalmers University.
1995-7 Lecturer in Sociology, Royal Holloway, University of London
1989-95 Lecturer in Sociology, Brunel University

Qualifications

1988 Ph.D., Department of Government, London School of Economics
1981 M.Sc. in Political Philosophy, London School of Economics
1980 B.A., Philosophy and History, Williams College, Massachusetts

Languages

German (fluent), Swedish, French, Latin.

Research Grants and Fellowships

2009 -2011 'Oxford e-Social Science Project: Ethical, Legal and Institutional Responses to Emerging e-Research Infrastructure Policies and Practices', Economic and Social Sciences Research Council, £1,000000 (\$2,000000) (Co-Investigator)

2009-2010 'eResearch 2020: The Role of e-Infrastructures in the creation of global virtual research Communities, EU project, Euro 250000 (\$330000), (Co-Investigator)

2008-9 'World Wide Web of Humanities', joint Joint Information Systems Committee and National Endowment for Humanities, £63000 (\$93000), (Co-Investigator)

2008-9 'Toolkit for the Impact of Digitised Scholarly Resources', Joint Information Systems Committee, £50000 (\$74000), Co-Investigator.

2008 Visiting Research Fellowship, University of Sydney School of Information Technologies (January to March)

2007- Senior Research Associate, Keble College, Oxford

2006-2009 'Embedding e-Science Applications – Designing and Managing for Usability', supported

- by Engineering and Physical Sciences Research Council, £271000 (\$525000) (Co-Investigator)
- 2006-2009 PEACH 'Presence Research in Action' EU Coordination Action, participant responsible for workpackage (£42000, \$80000) on ethical and legal issues
- 2005-2007 'Oxford e-Social Science project: Ethical, Legal and Institutional Dynamics of e-Sciences', supported by the Economic and Social Sciences Research Council, £400000 (\$750000) (Co-Investigator)
- 2004-2005 'The World Wide Web of Science: Emerging Global Sources of Expertise', supported by the Economic and Social Sciences Research Council, £44 000 (\$80000) (Principal Investigator)
- 2004 Visiting Fellow, Oxford Internet Institute, Oxford University (February to May)
- 2003 Visiting Scholar, Scancor, Stanford University (February to May)
- 2001-2004 'Living in a Virtual World: Adaptation to the Long-term Uses of Virtual Reality', supported by Swedish Agency for Innovation Systems, SEK 2057000 (\$200000).(Principal Investigator)
- 1999-2001 'Intercultural Communication in Virtual Environments', supported by Swedish Transportation and Communications Board, SEK 1497486 (\$150000). (Principal Investigator)
- 2000 'Networked Immersive Virtual Environments and Long-term Uses of Virtual Environments: Preliminary Studies' supported by Swedish Transportation and Communications Board, SEK 400000 (\$40000). (Principal Investigator)
- 1999 'Future Directions in Virtual Reality', supported by Swedish Transportation and Communications Board, SEK 228864 (\$23000). (Principal Investigator)
- 1997-8 UK Advisory Group on Computer Graphics (AGOCG) research award for project 'Multi-User Virtual Reality Technology as a Laboratory for Learning about Social Research: Issues and Prospects', with Ray Lee.
- 1992-1993 Brunel University BRIEF award for research visits to the United States and within the UK and for research assistants for project on 'The Sociology of Virtual Reality'
- 1991-1992 Anglo-Swedish Foundation award to establish academic and student exchange links between Brunel University and Karlstad University
- 1990-1991 Goethe Institute award to organise international conference on Max Weber
- 1986-1987 University of London research studentship at the Free University of Berlin

Editorial Boards

- 1996-2001 Sociological Research Online
 2003-2007 Presence: Journal of Teleoperators and Virtual Environments
 1998-present Virtual Reality
 2000-present Max Weber Studies

University Service and Administrative Experience (selected)

- 2007-2008 Social Sciences Board representative for the Oxford Internet Institute
 2006- Graduate Studies Committee, Oxford Internet Institute

2002-2003	Head of Department, Department of Technology and Society, Chalmers
2000-2004	Appointments Committee, Chalmers Faculty of Technology Management and Economics
1996-1997	Admissions Tutor, Royal Holloway
1992-1995	Senior Tutor, Brunel University

Teaching Experience and Ph.D. Supervision (selected)

My teaching has included: Classical and Contemporary Sociological Theory; Sociology of Culture; Political Sociology; Social Philosophy; Sociology of New Technologies; Ethical and Social Issues in Genetics and Biotechnology; Science, Technology and Society; Computers, Communication and Society; Economy in a Global Society; Technology for a Global Sustainable Society.

- 2007 – Han-Teng Liao, provisional thesis topic ‘The Cultural Politics of Chinese Online Encyclopedias’
- 2007 – Lucy Power, provisional thesis topic ‘e-Research in the Life Sciences’
- 2007 – Malte Ziewitz, provisional thesis topic ‘Online Reputation Systems’
- 2006 – Tobias Escher, provisional thesis topic ‘Geography of Social Networking Sites’
- 2004 - (completed) Ilona Heldal, Ph.D. thesis, ‘Usability of Collaborative Virtual Environments’
- 2004 - (completed) Ann-Sofie Axelsson, Ph.D. thesis, ‘Framing Social Interaction in Shared Virtual Environments’

Publications

Books:

- Being There Together: Social Interaction in Virtual Environments (Oxford University Press, Series in Human-Technology Interaction, forthcoming).
- 2007 Rethinking Science, Technology and Social Change (Stanford: Stanford University Press), 179 pages.
- 1996 Possible Worlds: The Social Dynamic of Virtual Reality Technologies (Boulder: Westview Press), 203 pages.
- 1992 Max Weber and the Sociology of Culture (London: Sage), in the series: ‘Theory, Culture and Society’, 177 pages. (also published in Turkish and Indonesian)

Edited Books:

- 2005 Edited with John Hall, An Anatomy of Power: Michael Mann’s Social Theory. (Cambridge: Cambridge University Press), 409 pages.
- 2005 Edited with Ann-Sofie Axelsson, Avatars at Work and Play: Collaboration and Interaction in Shared Virtual Environments. (London: Springer), 277 pages.
- 2002 The Social Life of Avatars: Presence and Interaction in Shared Virtual Environments. (London: Springer), 223 pages.
- 1998 Max Weber, Democracy and Modernization (Basingstoke: Macmillan), 206 pages.

Articles in Refereed Journals*, Refereed Proceedings#, and in Edited Books+

- [1] * ‘Divergences and Convergences in the Everyday Uses of Mobile Phones and Other Information and Communication Technologies: Multimodal Connectedness in Cross-Cultural Perspective’, submitted for publication.
- [2] 2009# ‘The Three Cultures of Post-Industrial Societies’, to be presented at the American Sociological Association Annual Conference, San Francisco, Aug.8-11.
- [3] 2009# ‘Gauging the Impact of e-Research in the Social Sciences’, with Eric Meyer, to be

presented at the American Sociological Association Annual Conference, San Francisco, Aug.8-11.

- [4] 2009* 'New Techniques in Online Research: Challenges for Research Ethics', with R.Eynon and J.Fry, 21st Century Sociology.
- [5] 2009# 'The Future of e-Research Infrastructures', with Eric T. Meyer, Kathryn Eccles, Zack Kertcher, Franz Barjak, Tobias Huesing, Simon Robinson, forthcoming in proceedings of the 5th International Conference on e-Social Science, 24-26 June 2009, Cologne.
- [6] 2009# 'Mapping Global e-Research: Scientometrics and Webometrics', with Eric T. Meyer, Han-Woo Park. forthcoming in Proceedings of the 5th International Conference on e-Social Science, 24-26 June 2009, Cologne.
- [7] 2009# 'Embedding e-Research Technologies in Everyday Life', with Dimitrina Spencer, forthcoming in Proceedings of the 5th International Conference on e-Social Science, 24-26 June 2009, Cologne.
- [8] 2009+ 'Science, Technology and Globalization', forthcoming in Hans-Peter Ohly (ed), Globalisierung.
- [9] 2009* 'Making it Open and Keeping it Safe: e-Enabled Data Sharing in Sweden', with Ann-Sofie Axelsson, forthcoming, Acta Sociologica. (earlier version in Proceedings of the Third International Conference on e-Social Science, October 7-9, 2007, Ann Arbor, Michigan, US).
- [10] 2009+ 'Open Science and Collaborative Research in e-Science: Realities of information access policies and practices at the project level', in J.Hunsiger (ed), Handbook of Internet Research, London: Springer.
- [11] 2009+ 'Probing Collaborative Activity among e-Science Projects in the UK', with J.Fry, M.den Besten and R. Ackland, in Anandarajan & Anandarajan (eds.), E-Research Collaboration: Frameworks, Tools and Techniques.
- [12] 2009* 'The World Wide Web of Research and Access to Knowledge', with Eric Meyer, forthcoming in Journal of Knowledge Management Research and Practice.
- [13] 2009* 'Untangling the Web of e-Research', with Eric Meyer, forthcoming in Informetrics.
- [14] 2009* 'Sifting through the Online Web of Knowledge', with Eric Meyer, Interdisciplines: Scientific Publications 3.0, <http://www.interdisciplines.org/liquidpub>
- [15] 2009+ 'Towards a Sociology of e-Research: Shaping Practice and Advancing Knowledge', with J.Fry, in N.Jankowski (ed), e-Research: Transformation in Scholarly Practice, New York: Routledge.
- [16] 2009# 'Community-Driven Discovery in Biology', presented at the International Society for the History, Philosophy and Social Studies of Biology, Brisbane, July 12-16.
- [17] + 'Disciplinary Differences in e-Research', with Jenny Fry, forthcoming In William Dutton and Paul Jeffreys (eds), World Wide Research. (Cambridge: MIT Press).
- [18] + 'Open Science and e-Science', with Matthijs den Besten and Paul David, forthcoming In William Dutton and Paul Jeffreys (eds), World Wide Research. (Cambridge: MIT Press).
- [19] 2009* 'Life Science Research and Drug Discovery at the Turn of the 21st Century: The

Experience of SwissBioGrid' with M.Den Besten and A.Thomas, forthcoming in Discovery and Collaboration.

- [20] 2009* 'Open Science in e-Science: Contingency or Policy?' with Fry, J. and M. Den Besten, Journal of Documentation, vol.65, no.1, pp.6-32.
- [21] 2008* 'Literary Sleuths Online: e-Research Collaboration on the Pynchon Wiki', with M. den Besten, Information, Communication and Society, 11, 2: 167-87.
- [22] 2008* 'e-Sciences as Research Technologies: Reconfiguring Disciplines, Globalizing Knowledge' Social Science Information, vol 47, 2: 131-57.
- [23] 2008* 'Web Search and Access to Global Knowledge: Democratizing Expertise or Creating new Hierarchies?', with Alexandre Caldas, Gustavo Mesch and Bill Dutton, Journal of Computer-Mediated Communication, 13, 769-93.
- [24] 2008+ 'Research Uses of Multi-User Virtual Environments', with Jeremy Bailenson. In Raymond Lee, Nigel Fielding and Grant Blank (eds), The SAGE Handbook of Online Research. London: Sage, 327-42.
- [25] 2008+ 'Search Engines and Expertise about Global Issues: Well-defined Territory or Undomesticated Wilderness?', with Jenny Fry and Shefali Virkar. In Amanda Spink and Michael Zimmer (eds), Web Search: Multidisciplinary Perspectives, London: Springer, 255-75.
- [26] 2008+ 'The Ethics of Internet Research', with Jenny Fry and Rebecca Eynon. In Raymond Lee, Nigel Fielding and Grant Blank (eds), The SAGE Handbook of Online Research. London: Sage, 23-41,
- [27] + 'Collaboration in Virtual Environments: How Copresence, Immersiveness and Technology Shape Interaction', (with Anthony Steed) In Frank Biocca (ed). Handbook of Virtual Environments.
- [28] 2007# 'Virtual Environments and Other Media for Being There Together: Towards a Convergence of Technologies, Uses, and Research Agendas', Proceedings of Presence 2007, Barcelona, Spain, October.
- [29] 2007# 'Scoping the Online Visibility of e-Research by Means of e-Research Tools', with R. Ackland and J. Fry, Proceedings of the Third International Conference on e-Social Science, October 7-9, 2007, Ann Arbor, Michigan, US.
- [30] 2007+ 'Michael Mann', in Rob Stones (ed), Key Sociological Thinkers, Basingstoke: Palgrave Macmillan, 338-354.
- [31] 2007# 'Developing an e-Infrastructure for Social Science', with Michael Daw et al., in Proceedings of the Third International Conference on e-Social Science, October 7-9, 2007, Ann Arbor, Michigan, US.
- [32] 2007* 'e-Research Infrastructures and Open Science: Towards a New System of Knowledge Production?', in Prometheus, 25(1), pp.1-17.
- [33] 2007* 'Social Science Perspectives on e-Sciences', with Jenny Fry, Journal of Computer-Mediated Communication, vol.12(2), <http://jcmc.indiana.edu/vol12/issue2/schroeder.html>.
- [34] 2007* 'Ethical and Social Issues in Shared Virtual Environments: An Overview of the Issues', Futures: A Journal of Forecasting, Policy and Planning, 39, pp.704-717.

- [35] 2006* 'The Usability of Collaborative Virtual Environments and Methods for the Analysis of Interaction', with Jolanda Tromp and Ilona Heldal, *Presence: Journal of Teleoperators and Virtual Environments*, 15(6), pp.655-667.
- [36] 2006# 'How Open is e-Science?', with Paul David and Matthijs den Besten, 2nd IEEE International Conference on e-Science and Grid Computing, Amsterdam, see <http://www.oii.ox.ac.uk/microsites/oess/papers.cfm>
- [37] 2006* 'Being There and the Future of Connected Presence' in *Presence: Journal of Teleoperators and Virtual Environments*, 15(4), pp.438-454. Shorter version in *Proceedings of Presence 2005*, London UK, Sept. 21-23.
- [38] 2006* 'The Effect of Behavioral Realism and Form Realism of Real-Time Avatar Faces on Verbal Disclosure, Nonverbal Disclosure, Emotion Recognition, and Copresence in Dyadic Interaction', with Jeremy Bailenson, Nick Yee and Dan Merget. In *Presence: Journal of Teleoperators and Virtual Environments*, 15(4), pp.359-372 (previous version in *Proceedings of Presence 2005*, London UK, Sept. 21-23.)
- [39] 2006# 'e-Sciences: Infrastructures that Reshape the Global Contours of Knowledge', in *Proceedings of the Second International Conference on e-Social Science*, Manchester June 2006, see <http://www.oii.ox.ac.uk/microsites/oess/papers.cfm>
- [40] 2006+ 'Introduction: The IEMP Model and its Critics' in Ralph Schroeder and John Hall (eds), *An Anatomy of Power: Michael Mann's Social Theory*. Cambridge: Cambridge University Press, pp.1-16.
- [41] 2006+ 'Avatars at Work and Play: Overlapping Themes and Intersecting Research Agendas', with Ann-Sofie Axelsson, in Ralph Schroeder and Ann-Sofie Axelsson (eds), *Avatars at Work and Play: Collaboration and Interaction in Shared Virtual Environments*. London: Springer, pp. ix-xv.
- [42] 2006+ Entries on 'Rationality, Rationalization and Rationalism' and 'Ernest Gellner' in *The Routledge Encyclopedia of Social Theory*, Austin Harrington, Barbara Marshall and Hans-Peter Muller (eds), pp.218, 495-97
- [43] 2006+ 'The Good Inequality: Supporting Group Work in Shared Virtual Environments', with Maria Spante and Ann-Sofie Axelsson, in Ralph Schroeder and Ann-Sofie Axelsson (eds), *Avatars at Work and Play: Collaboration and Interaction in Shared Virtual Environments*. London: Springer, pp151-166.
- [44] 2006+ 'Interaction Fragments influencing Collaboration in Distributed Virtual Environments', with Ilona Heldal, Lars Brathe and Anthony Steed, in Ralph Schroeder and Ann-Sofie Axelsson (eds), *Avatars at Work and Play: Collaboration and Interaction in Shared Virtual Environments*. London: Springer, pp.97-130.
- [45] 2005* 'Successes and Failures in Copresent situations', with Ilona Heldal, Anthony Steed, Maria Spante, Sophia Bengtsson and Marja Partanen, in *Presence: Journal of Teleoperators and Virtual Environments* 14(5), pp.563-579.
- [46] 2005# 'Personal Interaction between Users of Immersion Projection Technology Systems', with Anthony Steed, David Roberts and Ilona Heldal, in *Proceedings of HCI 2005*, Las Vegas.
- [47] 2005# 'Evaluating Collaboration in Distributed Virtual Environments for a Puzzle-Solving Task', with Anthony Steed and Ilona Heldal, in *Proceedings of HCI 2005*, Las Vegas.

- [48] 2005# 'The World Wide Web of Science: Reconfiguring Access to Information' with Alex Caldas, Gustavo Mesch and Bill Dutton, in Proceedings of the First International Conference on e-Social Science, Manchester UK, 22-24 June.
www.ncess.ac.uk/events/conference/programme/papers/ncess2005_paper_Schroeder.pdf
- [49] 2005# 'Immersiveness and Symmetry in Copresent Scenarios', with Ilona Heldal, Anthony Steed, Ann-Sofie Axelsson, Josef Widestrom and Maria Spante, Proceedings of IEEE VR 2005, Bonn, Germany.
- [50] 2004# 'How Putting Yourself into the Other Person's Virtual Shoes Enhances Collaboration', with Maria Spante, Ann-Sofie Axelsson and Michael Christie, in Proceedings of Presence 2004, Valencia, pp.190-196.
- [51] 2004# 'The Usability of Shared Virtual Environments: A Comparison of Three Studies and Outlook on the Future', with Ilona Heldal, in Proceedings of Designing and Evaluating Virtual Reality Systems Workshop, Jan.22-23, Nottingham.
- [52] 2003# 'Communication in Virtual Environments: Establishing Common Ground for a Collaborative Spatial Task?', with Ann-Sofie Axelsson and Asa Abelin, Proceedings of Presence 2003, Aalborg, Denmark.
- [53] 2003# 'Beyond Presence and Copresence: A Phenomenological Account of Experiences in Shared Virtual Environments', in Proceedings of Presence 2003, Aalborg, Denmark.
- [54] 2003# 'Is there a Tradeoff between Presence and Copresence?', with Maria Spante, Ann-Sofie Axelsson and Ilona Heldal, in Proceedings of Presence 2003, Aalborg, Denmark.
- [55] 2003* 'Anyone Speak Spanish? Language Encounters in Multi-User Virtual Environments and the Influence of Technology' with Åsa Abelin and Ann-Sofie Axelsson, *New Media and Society*, Vol.5 (4), pp. 475-498. (Updated version 'Anyone Speak Swedish' in Brenda Danet and Susan Herring (eds), *The Multi-Lingual Internet* (New York: Oxford University Press).
- [56] 2003# 'Strangers and Friends in Networked Immersive Environments: Virtual Spaces for Future Living', Proceedings of Home Oriented Informatics and Telematics, Irvine CA, April 6-8, 16 pp.
- [57] 2003# 'Strangers and Friends in Caves: An Exploratory Study of Collaboration in Networked IPT Systems for Extended Periods of Time', with Anthony Steed, Maria Spante, Ilona Heldal and Ann-Sofie Axelsson, in *ACM SIGGRAPH 2003 Symposium on Interactive 3D Graphics* (Monterey CA, April 27-30). ACM Press, New York, pp. 51-54.
- [58] 2002* 'The Consumption of Technology in Everyday Life: Car, Telephone, Television in Sweden and America in a Comparative-Historical Perspective'. *Sociological Research Online*, vol.7, no 4. (20pp.)
- [59] 2002* 'Weberian Perspectives on Science, Technology and Economics', with Richard Swedberg, *British Journal of Sociology*, vol.53, no.3, pp. 383-401.
- [60] 2002# 'Performance and collaboration in virtual environments for visualizing large complex models: comparing immersive and desktop systems', with Ilona Heldal, Proceedings of the Eighth International Conference on Virtual Systems and Multimedia, VSMM2002: Gyeongju, Korea, pp.208-220.

- [61] 2002# 'Copresence and Interaction in Virtual environments: An overview of the Range of Issues'. In Felize Ribeiro(ed.) Fifth International Workshop Presence 2002, Porto Portugal Oct.9-11, pp.274-295.
- [62] 2002+ 'Preface' in Ralph Schroeder (ed), *The Social Life of Avatars: Presence and Interaction in Shared Virtual Environments*, (London: Springer), pp.ix-xiv.
- [63] 2002+ 'Social Interaction in Virtual Environments: Key Issues, Common Themes, and a Framework for Research' in Ralph Schroeder (ed), *The Social Life of Avatars: Presence and Interaction in Shared Virtual Environments*, (London: Springer), pp.1-18.
- [64] 2002+ 'The Long-term Uses of Shared Virtual Environments: An Exploratory Study', with Alexander Nilsson, Ilona Heldal, and Ann-Sofie Axelsson, in Ralph Schroeder (ed), *The Social Life of Avatars: Presence and Interaction in Shared Virtual Environments*, (London: Springer), pp.112-126.
- [65] 2001* 'Weber, Pynchon and the American Prospect' in *Max Weber Studies*, vol.1, issue 2, pp.161-177.
- [66] 2001* 'Collaborating in networked immersive spaces: as good as being there together?', with Ann-Sofie Axelsson, Ilona Heldal, Åsa Abelin, Josef Wideström, Alexander Nilsson, with Anthony Steed, and Mel Slater, in *Computers & Graphics*, vol.25, pp.781-788.
- [67] 2001* 'Activeworlds: geography and social interaction in virtual reality', with Andy Smith and Avon Huxor, in *Futures*, vol.33, pp.569-587.
- [68] 2001* 'Cubes in the Cube: A Comparison of a Puzzle-Solving Task in a Virtual and a Real Environment', with Ann-Sofie Axelsson, Åsa Abelin, Ilona Heldal, Josef Wideström, in *Cyberpsychology and Behaviour*, vol.4, no.2., pp.279-286.
- [69] 2000# 'The Collaborative Cube Puzzle: A Comparison of Virtual and Real Environments', with Josef Wideström, Ann-Sofie Axelsson, Alexander Nilsson and Åsa Abelin, in Elizabeth Churchill and Martin Reddy (eds) *Proceedings of ACM Conference of the Third International Conference on Collaborative Virtual Environments*, New York: ACM, pp.165-172.
- [70] 2000# 'Cubes in the Cube: A Comparison of Virtual and Real Environments', with Ann-Sofie Axelsson, Åsa Abelin, Alexander Nilsson, Ilona Heldal and Josef Wideström, in *Proceedings of Presence 2000 - 3rd International Workshop on Presence*, in Delft, Holland.
- [71] 2000# 'Trust in the Core: A Study of Long-term Users of Activeworlds', with Ann-Sofie Axelsson. Presented at *Digital Borderlands*, a Cybercultural Symposium in Norrköping, Sweden 12-13 May. (submitted for journal publication).
- [72] 2000* 'Intercultural Communication in Virtual Environments' with Jens Allwood in *Intercultural Communication*, issue 3, April, available online at <http://www.immi.se/intercultural/nr3/allwood.htm>.(17pp.)
- [73] 2000* 'Small Group Behaviour in a Virtual and Real Environment: A Comparative Study' with Mel Slater, Amela Sagadic and Martin Usoh, *Presence: Teleoperators and Virtual Environments*, vol.9, no.1, 37-51.
- [74] 1999+ 'Rethinking Nationalism in the Context of Globalization' in Kevin Brehony (ed) *Nationalisms Old and New*. (Basingstoke: Macmillan), pp. 70-86.
- [75] 1999* 'Social Life in Virtual Worlds: Structure and Interaction in Multi-User Virtual Reality Technology' in *Communications & Strategies*, no.33, 1st quarter 1999, p.137-150.

(Different version, 'Social Aspects of Virtual Reality Technology', in Hacer Ansal and Deniz Calisir (eds.), Science, Technology and Society International Symposium, Istanbul Technical University, ISBN 975-561-161-4, p.155-165. Different version available online in Creative Room for Art and Computing (CRAC) journal Crac in Context <http://www.crac.org/contextmapp/ralph.htm>. (7pp.)

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- [77] 1999# 'Trust in Virtual Environments', with Ann-Sofie Axelsson in Proceedings of Presence 1999 - 2nd International Workshop on Presence, in Essex, UK. Available on CD.
- [78] 1998+ 'Introduction' in Ralph Schroeder (ed.), Max Weber, Democracy and Modernization (Basingstoke: Macmillan), pp.x-xii.
- [79] 1998+ 'From Weber's Political Sociology to Contemporary Liberal Democracy' in Ralph Schroeder (ed.), Max Weber, Democracy and Modernization (Basingstoke: Macmillan), pp.79-92.
- [80] 1998* 'The Sacred and the Virtual: Religion in Multi-User Virtual Reality' with Noel Heather and Ray Lee, in Journal of Computer-Mediated Communication, issue 2, vol 4, December available online at <http://www.ascusc.org/jcmc/vol4/issue2/schroeder.html>.
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- [83] 1997# 'Collaborative Learning and Social Interaction in Multi-User Virtual Environments', with Ruth Crawley, in Mike Bevan (ed.), Proceedings - Virtual Reality in Education and Training VRET'97, Loughborough June 24-6, pp.131-8.
- [84] 1997* 'Networked Worlds: Social Aspects of Networked Multi-User Virtual Reality Technology' in Sociological Research Online, vol.2, no.4, <http://www.socresonline.org.uk/socresonline/2/4/5.html>
- [85] 1997+ 'Virtual Worlds and the Social Realities of Cyberspace' in Brian Loader (ed) The Governance of Cyberspace (London: Routledge), pp.97-107.
- [86] 1996+ 'From the Great Divide to the Rubber Cage: Gellner's Conception of Science and Technology' in John Hall and Ian Jarvie (eds) The Social Philosophy of Ernest Gellner Amsterdam: Editions Rodolpi, pp.427-443.
- [87] 1996* 'Virtual Environments and the Varieties of Interactive Experience in Information and Communication Technologies' in Convergence: The Journal of Research into New Media Technologies, vol 1., no.2, pp.45-55.
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Development & Applications, vol.1, no.1, pp.33-40.

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- [95] 1994# 'Virtual Reality im Sprachunterricht für Lernbehinderte', with Bryan Cleal and Warren Giles, in *Virtual Reality '94: Anwendungen und Trends* (Berlin: Springer), February, pp.227-240.
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- [97] 1993# 'Virtual Reality in Education: Some Preliminary Social Science Perspectives', with Bryan Cleal and Warren Giles, in *Interface to Real and Virtual Worlds* (Paris: EC2), February, pp.147-158.
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- [101] 1990* 'From Puritanism to Paranoia: Trajectories of History in the Works of Pynchon and Weber' in *Pynchon Notes*, no.26-27, pp.69-80.
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