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Citizenship: Dual UK-US

Employment

University of Oxford, Oxford Internet Institute, UK

2010- Professor of Social Science of the Internet
2009- M.Sc. Programme Director
2009- Senior Research Fellow
2009-2012 Director of Research
2006-2009 James Martin Research Fellow
2004-2006 Research Fellow

Chalmers University, School of Technology Management and Economics, Sweden

1998- 2004 Professor of Technology and Society

Royal Holloway, University of London, UK

1995-1997 Lecturer (Associate Professor) in Sociology

Brunel University, London, UK

1989-1995 Lecturer (Assistant/Associate Professor) in the Department of Human Sciences

Education

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.

Research Grants (selected)

2022-26 'The Radicalisation of Sweden's Image: A study of how radical right groups in other countries depict Sweden online', Swedish Research Council, (Oxford part SEK 1289000, \$147000)

2019-22 'Evaluation of the Weizenbaum Institute', German Ministry of Education, as part of Technopolis Group, Co-Investigator (20+ days Oxford)

2018-2021 'What Do "the People" Want? Analysing Online Populist Challenges to Europe', Volkswagen Foundation, (Oxford part €218700 [\$257000]), Co-Investigator

2018 'The Digital Picture for the Swedish Election 2018', with the Swedish Defence Research Agency (€30000, \$35000), principal investigator at Oxford

2017-2020 'SciShops.eu Enhancing the Responsible and Sustainable Expansion of the Science Shops Ecosystem in Europe' (€168625, \$180000), Horizon 2020 EU project, Principal Investigator at Oxford.

2015-2018 'Big Data for Future Internet and Society', Yuan 1 million (£100000, \$160000), Tencent Internet and Society Institute, Co-Principal Investigator

2015-2016 'Data Technologies for Evidence-informed Policy-making (including Big Data)', \$205000 (€ 180000), European Commission DG Connect, Co-Investigator

2014-2015 'Big Data for Advancing Dementia Research', OECD, (\$42000 [£25000]), Co-Principal Investigator

2014-2015	'Big UK Domain Data for the Arts and Humanities', Arts and Humanities Research Council, with Institute of Historical Research and British Library (Oxford part \$240700 [£141831]), Co-Investigator
2013-2014	'Data Driven Economic Models: challenges and opportunities of big data', with Greg Taylor, Economic and Social Science Research Council, Co-Investigator, \$80700 (£47545)
2012-2014	'Accessing and Using Big Data to Advance Social Science Knowledge' Sloan Foundation, \$499,366 (£325000), Co-Investigator
2009-2012	'Oxford e-Social Science Project: Ethical, Legal and Institutional Responses to Emerging e-Research Infrastructure Policies and Practices', Economic and Social Sciences Research Council, £1,000,000 (\$2,000,000), Co-Investigator
2009-2010	'eResearch 2020: The Role of e-Infrastructures in the Creation of Global Virtual Research Communities', European Union, €250,000 (\$330,000), Co-Investigator
2008-2009	'World Wide Web of Humanities', Joint Information Systems Committee (UK) and National Endowment for Humanities (US), £63,000 (\$93,000), Co-Investigator
2008-2009	'Toolkit for the Impact of Digitised Scholarly Resources', Joint Information Systems Committee, £50,000 (\$74,000), Co-Investigator
2006-2009	'Embedding e-Science Applications – Designing and Managing for Usability', supported by Engineering and Physical Sciences Research Council, £271,000 (\$525,000), Co-Investigator
2006-2009	PEACH 'Presence Research in Action', European Union Coordination Action, £42,000 (\$80,000), participant responsible for workpackage on ethical and legal issues
2005-2008	'Oxford e-Social Science project: Ethical, Legal and Institutional Dynamics of e-Sciences', Economic and Social Sciences Research Council, £400,000 (\$750,000), Co-Investigator
2004-2005	'The World Wide Web of Science: Emerging Global Sources of Expertise', Economic and Social Sciences Research Council, £44,000 (\$80,000), Principal Investigator
2001-2004	'Living in a Virtual World: Adaptation to the Long-term Uses of Virtual Reality', Swedish Agency for Innovation Systems, SEK 2,057,000 (\$200,000), Principal Investigator
1999-2001	'Intercultural Communication in Virtual Environments', Swedish Transportation and Communications Board, SEK 1,497,486 (\$150,000), Principal Investigator
2000	'Networked Immersive Virtual Environments and Long-term Uses of Virtual Environments: Preliminary Studies', Swedish Transportation and Communications Board, SEK 400,000 (\$40,000), Principal Investigator
1999	'Future Directions in Virtual Reality', Swedish Transportation and Communications Board, SEK 228,864 (\$23,000), Principal Investigator
1997-1998	'Multi-User Virtual Reality Technology as a Laboratory for Learning about Social Research: Issues and Prospects', UK Advisory Group on Computer Graphics (AGOCG), with Ray Lee
1992-1993	'The Sociology of Virtual Reality', Brunel University BRIEF award for research visits to the United States and within the UK and for research assistants
1991-1992	Anglo-Swedish Foundation grant to establish academic and student exchange links between Brunel University and Karlstad University

Awards and Fellowships

2019-20	Academic Visitor, National University of Singapore (December to January)
2018-19	Visiting Fellow, Indian Institute of Management Kozhikode, Kerala (December to February)
2018	Visiting Scholar, Institute for the Study of Societal Issues, University of California Berkeley (Feb to March)
2017	Fellow, Center for Advanced Internet Study, Bochum (July to August)

2017	Erskine Visiting Research Fellowship, University of Canterbury, Christchurch (Feb to March)
2016	Distinguished Visiting Professor, Departments of Communication and Sociology, UCLA (January to March)
2015	Faculty Visitor, Department Journalism and Communication, Chinese University of Hong Kong (November)
2013	Faculty Visitor, Department of Education, University of Hong Kong (February/March)
2012	Erskine Visiting Research Fellowship, University of Canterbury, Christchurch (March to April)
2009	Social Sciences Division Teaching Excellence Award
2008	Visiting Research Fellowship, University of Sydney School of Information Technologies (Jan. to March)
2007-	Senior Research Associate, Keble College, Oxford
2004	Visiting Fellow, Oxford Internet Institute, Oxford University (February to May)
2003	Visiting Scholar, Scancor, Stanford University (February to May)
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

Invited Keynote Talks (selected)

2021	'Digital Media and Social Theory: the View from Modi's India and Xi's China', Communication and Information, and Media Technology Division of the American Sociological Association, August 5 th .
2020	'Tatort Demokratie: Digitale Medien im Verdacht' (with Andreas Jungherr), Bavarian Academy of Sciences, Munich, 5 th February.
2019	'Digital Media and Right-Wing Populism in China: A Comparative Perspective', Internet and Politics in China conference, Copenhagen University, 9 th May.
2019	'The Chinese Social Credit System in Comparative Perspective', German Architecture Museum, Frankfurt, 4 th April.
2017	'Big Data: Shaping Knowledge, Shaping Everyday Life', German Political Science Association 'Politics and Internet' conference, Bochum, 24 th November.
2015	'Big Data and Social Theory', 2nd GESIS Computational Social Science Winter Symposium 2015, Cologne, 3 rd December.
2014	'Big Data, Big Brother, and Social Science', Asia Triple Helix Society, YeungNam University, Daegu, Korea.
2012	'Digital Transformations of Research', Conference on Science and the Internet, University of Duesseldorf, 3 rd August
2011	'Virtual Environments and the Future of Collaboration', Global Conference of Tata Consultancy Services, Trivandrum, India, 7 th April
2010	'The Future of Virtual Environments', Institute of Education, London Knowledge Lab conference 'Where Next?', 25 th January
2009	'Virtual Environments and the Future of Distance Collaboration', Learning Futures Festival '09, University of Leicester, 8 th January

Editorial Boards

2020-	Nordic Journal of Media Studies
2013-2021	Big Data and Society
2013-2018	Journal of Computer-Mediated Communication
2003-2007	Presence: Journal of Teleoperators and Virtual Environments
2000-	Max Weber Studies
1998-2017	Virtual Reality
1996-2001	Sociological Research Online

University Service and Administrative Experience (selected)

2013-	Associate member, Sociology Department at Oxford University
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 University
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 Social Networks; Economy in a Global Society; Technology for a Global Sustainable Society; Social Dynamics of the Internet; Networks of Collaboration, Big Data in Society.

Ph.D. supervision (completed)

- 2015-19 Pu Yan, DPhil thesis, 'Grassroots Informatisation: The Internet and Everyday Information Seeking Practices in Rural and Urban China'
- 2007-14 Han-Teng Liao, DPhil thesis, 'The Cultural Politics of Chinese Online Encyclopedias'
- 2006-12 Tobias Escher, DPhil thesis, 'Contacting MPs on the Internet in the UK and Germany'
- 2007-12 Lucy Power, DPhil thesis, 'e-Research in the Life Sciences'
- 2001-06 Maria Spante, Ph.D. thesis, 'Long-Term Uses of Shared Virtual Environments'
- 2000-04 Ilona Heldal, Ph.D. thesis, 'Usability of Collaborative Virtual Environments'
- 2000-04 Ann-Sofie Axelsson, Ph.D. thesis, 'Framing Social Interaction in Shared Virtual Environments'

Publications

h-Index: 45

Times cited: 8346

Google Scholar Citations Profile: <http://scholar.google.com/citations?user=f6vRNDcAAAAJ>

Books:

- 2021 Digital Transformations of the Public Arena (co-authored with Andreas Jungherr), Cambridge: Cambridge University Press (Elements in Political Communication Series).
- 2018 Social Theory after the Internet: Media, Technology and Globalization. London: UCL Press (open access), 196 pages (120000+ downloads of open access version as of March 2021).
- 2015 Knowledge Machines: Digital Transformations of the Sciences and Humanities (co-authored with Eric Meyer), Cambridge MA: MIT Press, 271 pages.
- 2013 An Age of Limits: Social Theory for the 21st Century (Basingstoke, Palgrave Macmillan), 257 pages.
- 2010 Being There Together: Social Interaction in Virtual Environments (New York and Oxford, Oxford University Press, Series in Human-Technology Interaction), 324 pages.
- 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:

- 2017 The Web as History: Using Web Archives to Understand the Past and the Present, UCL Press (open access). Co-edited with Niels Bruegger (also Introduction chapter), 278 pages, (30000+ downloads of open access version as of March 2021)
- 2015 Global Powers: Mann's Anatomy of the 20th Century and Beyond. (Cambridge: Cambridge University Press).
- 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:

(full list, including author order, and copies of selected publications, available at <http://www.oii.ox.ac.uk/people/ralph-schroeder/?publications>)

Articles in Refereed Journals

- [1] 2021 'The Populist Revolt against the West: Alternative Paths within a Globalizing Modernity?', *Comparative Sociology*, 20: 419-40.
- [2] 2021 'Grassroots information divides in China: Theorising everyday information practices in the Global South' (with Pu Yan), *Telematics and Informatics*, <https://doi.org/10.1016/j.tele.2021.101665>
- [3] 2021 'Disinformation and the Structural Transformations of the Public Arena: Addressing the Actual Challenges to Democracy', (with Andreas Jungherr), *Social Media + Society*, <https://doi.org/10.1177/2056305121988928>
- [4] 2021 'Was the 2019 Indian election won by digital media?', (with Tabereh Neyazi), *The Communication Review*, DOI: 10.1080/10714421.2021.1933311
- [5] 2021 'Is there a link between climate change scepticism and populism? An analysis of web tracking and survey data from Europe and the US' (with Pu Yan & Sebastian Stier) *Information, Communication & Society*, DOI: 10.1080/1369118X.2020.1864005
- [6] 2021 'AI and Social Theory' (with Jakob Mokander), *AI & Society*, <https://doi.org/10.1007/s00146-021-01222-z>
- [7] 2020 'The populist campaigns against European public service media: Hot air or existential threat?' (with Annika Sehl and Felix Simon) *International Communication Gazette*, <https://doi.org/10.1177/1748048520939868>
- [8] 2020 "Political Power and the Globalizing Spread of Populist Politics", *Journal of Political Power*. 13 (1) 22-40.
- [9] 2020 'Populist Attitudes and Selective Exposure to Online News: A Cross-Country Analysis Combining Web Tracking and Surveys' *The International Journal of Press/Politics* (with Sebastian Stier, Nora Kirkizh, and Caterina Froio) <https://doi.org/10.1177/1940161220907018>
- [10] 2020 'Even in Sweden? Misinformation and elections in the new media landscape', *Nordic Journal of Media Studies*, vol.2, DOI: 10.2478/njms-2020-0009
- [11] 2020 'Online disinformation in the run-up to the Indian 2019 election', *Information, Communication & Society* (with Anupam Das), 24:12, 1762-177.
- [12] 2019 'The Dangerous Myth of Populism as a Thin Ideology', *Populism*, 3(1), 13-28.
- [13] 2019 'Digital Media and the Surge of Political Challengers: Explaining the Political Success of Outsiders in the US, Germany and China' (with Andreas Jungherr and Sebastian Stier), *Social Media + Society*.
- [14] 2019 'Variations in the Adoption and Use of Mobile Social Apps in Everyday Lives in Urban and Rural China' (with Pu Yan), *Mobile Media and Communication*, doi: 10.1177/2050157919884718.
- [15] 2019 'Contemporary populist politics through the macroscopic lens of Randall Collins's conflict theory', Thesis Eleven.
- [16] 2019 'Digital Media and the Entrenchment of Right-wing Populist Agendas', *Social Media + Society*. doi: 10.1177/2056305119885328
- [17] 2019 'Historicizing Media, Globalizing Media Research: Infrastructures, Publics, and Everyday Life', *Journal of Global History*.
- [18] 2019 'Cumulation and Big Data in the Social Sciences', *Information, Communication and Society*, doi: 10.1080/1369118X.2019.1594334
- [19] 2018 'Towards a Theory of Digital Media', *Information, Communication and Society*, 21 (3) 323-339.
- [20] 2018 'Big Data for Policymaking', with Meyer, E. and Poel, M. et al., *Policy and the Internet*, doi: 10.1002/poi3.176
- [21] 2016 'Answering Questions and Questioning Answers in the Era of Big Data', with Cowls, J. *Policy and the Internet*. 7(4), pp. 447-472.
- [22] 2016 'The Net as a Knowledge Machine: How the Internet became embedded in research' with Meyer, E.T. and Cowls, J., *New Media and Society*. 18 (7) 1159-1189.

- [23] 2016 'Rethinking Digital Media and Political Change', *Convergence :The International Journal of Research into New Media Technologies*, 24(2): 168-183.
- [24] 2016 The Globalization of Onscreen Sociability: Social Media and Tethered Togetherness, *International Journal of Communication*.
- [25] 2015 'Gellner, Science, and Globalization', *Thesis* 11, 128: 10-25.
- [26] 2015 'A Weberian Analysis of Global Digital Divides', *International Journal of Communication*, 9(2015), 2819–2837.
- [27] 2015 'Big Data and Wikipedia Research: Social Science Knowledge across Disciplinary Divides', with Taylor, L., *Information, Communication and Society*, 18(9): 1039–1056.
- [28] 2014 'Big Data and Positive Change in the Developing World' with Taylor, Cows, J., Meyer, E.T., *Policy & Internet* 6(4): 418-444.
- [29] 2014 'Big Data and the brave new world of social media research' *Big Data and Society*, July-December: 1-11.
- [30] 2014 'Is bigger better? The emergence of big data as a tool for international development policy.', With Taylor, L., *GeoJournal*. DOI 10.1007/s10708-014-9603-5
- [31] 2014 'Does Google shape what we know?', *Prometheus: Critical Studies in Innovation*. 32(2): 145–160.
- [32] 2014 'Durkheim and Weber on the Social Implications of New Information and Communication Technologies' (with Rich Ling), *New Media and Society*, 16: 789-805.
- [33] 2014 'Emerging practices and perspectives on big data analysis in economics: Bigger and better, or more of the same?' with Taylor, L and Meyer, E.T., *Big Data and Society*, July-September: 1-10.
- [34] 2013 'Mixing Real and Virtual Conferencing: Lessons Learned' with Sharma, Geetika, *Virtual Reality* 17: 193-204.
- [35] 2013 'Re: Search', introduction to special issue on Search in *New Media&Society* (with Greg Taylor and Mark Graham), 16(2): 187–194.
- [36] 2012 'The Emerging Governance of e-Infrastructure' (with Barjak, F., Eccles, K., Meyer, E.T., Robinson, S). *Journal of Computer Mediated Communication*, 18(2), 113-36.
- [37] 2011 'The Three Cultures of Post-Industrial Societies', *Sociological Focus*, 44(1): 1-17.
- [38] 2010 'The Limits to Transforming the Environment and the Limits to Sociological Knowledge', *Sustainability*, 2, 2483-2498
- [39] 2010 'Mobile phones and the inexorable advance of multimodal connectedness', *New Media and Society*, vol.12, no.1, pp.75-90.
- [40] 2009 'New Techniques in Online Research: Challenges for Research Ethics', with R.Eynon and J.Fry, *21st Century Society: Journal of the Academy of Social Sciences*, vol.4., no.2: 187-99.
- [41] 2009 'Making it Open and Keeping it Safe: e-Enabled Data Sharing in Sweden', with Ann-Sofie Axelsson, forthcoming, *Acta Sociologica*, vol.52(3): 213-26 (earlier version in Proceedings of the Third International Conference on e-Social Science, October 7-9, 2007, Ann Arbor, Michigan, US).
- [42] 2009 'The World Wide Web of Research and Access to Knowledge', with Eric Meyer, *Knowledge Management Research and Practice* (7): 218-33.
- [43] 2009 'Untangling the Web of e-Research', with Eric Meyer, *Journal of Informetrics* (3): 246-60.
- [44] 2009 'Sifting through the Online Web of Knowledge', with Eric Meyer, *Interdisciplines: Scientific*

Publications 3.0, <http://www.interdisciplines.org/liquidpub>

- [45] 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, *Discovery and Collaboration*, 4 (5), 15 pages (available online at <http://www.uic.edu/htbin/cgiwrap/bin/ojs/index.php/jbdc/index>)
- [46] 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.
- [47] 2009 'e-Sciences as Research Technologies: Reconfiguring Disciplines, Globalizing Knowledge' *Social Science Information*, vol 47, 2: 131-57.
- [48] 2008 'Literary Sleuths Online: e-Research Collaboration on the Pynchon Wiki', with M. den Besten, *Information, Communication and Society*, 11, 2: 167-87.
- [49] 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.
- [50] 2008 'e-Research Infrastructures and Open Science: Towards a New System of Knowledge Production?', in *Prometheus*, 25(1), pp.1-17.
- [51] 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>.
- [52] 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.
- [53] 2007 '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.
- [54] 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.
- [55] 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.)
- [56] 2006 '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.
- [57] 2005 '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).
- [58] 2003 '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 'Weber, Pynchon and the American Prospect' in *Max Weber Studies*, vol.1, issue 2, pp.161-177.
- [61] 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.
- [62] 2001 'Activeworlds: geography and social interaction in virtual reality', with Andy Smith and Avon Huxor, in *Futures*, vol.33, pp.569-587.
- [63] 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.
- [64] 2001 '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.)
- [65] 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.
- [66] 2000 '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.)
- [67] 1999 '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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- [69] 1997 '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.
- [70] 1996 'Disenchantment and its Discontents: Weberian Perspectives on Science and Technology', *Sociological Review*, vol.43, no.2, pp.227-250.
- [71] 1995 'Learning from Virtual Reality Applications in Education', *Virtual Reality: Research, Development & Applications*, vol.1, no.1, pp.33-40.
- [72] 1995 'Virtual Reality and the Future of Human-Computer Interfaces: The Electronic Frontier in Social Context' in *Journal of Intelligent Systems*, vol.5, no.2-4, pp.111-123.
- [73] 1995 'Cyberculture, Cyborg Postmodernism and the Sociology of Virtual Reality Technologies: Surfing the Soul in the Information Age' in *Futures: a journal of forecasting, planning and policy*, vol.26, no.5, pp. 519-528.
- [74] 1994 'Virtual Reality in the Real World: History, Applications, Projections', *Futures: A journal of forecasting, planning and policy*, vol. 25, no.9, pp.963-973 [Reprinted in Nick Heap et al. (eds) *Information Technology and Society* (London: Sage, 1994)].
- [75] 1993 "'Personality" and "Inner Distance": The conception of the Individual in Weber's sociology' in *History of the Human Sciences*, vol.4, no.1, pp.61-78.
- [76] 1991 'From Puritanism to Paranoia: Trajectories of History in the Works of Pynchon and Weber' in *Pynchon Notes*, no.26-27, pp.69-80.

Articles in Refereed Proceedings

- [77] 2018 'Political Bots and the Swedish General Election 2018', IEEE International Conference on Intelligence and Security Informatics (ISI), with Lisa Kaati and Johan Fernqvist, <http://isi18.azurewebsites.net/Program/Papers>
- [78] 2014 'Mapping the UK webspace: Fifteen years of British universities on the web', with Hale, S.A., Yasseri, T., Cows, J., Meyer, E.T., and Margetts, H., ACM WebSci'14, Bloomington, Indiana.
- [79] 2012 'The Internet, Science, and Transformations of Knowledge', eds. Peter Parycek and Noella Neumann, Proceedings of the International Conference for eDemocracy and Open Government, Krems, Austria, May 3-4, pp. 25-33.
- [80] 2009 'Mapping the Varieties of e-Research Infrastructures', with Eric Meyer, Kathryn Eccles, and others, submitted for publication.
- [81] 2009 'Gauging the Impact of e-Research in the Social Sciences', with Eric Meyer, presented at the American Sociological Association Annual Conference, San Francisco, Aug.8-11, submitted for publication.
- [82] 2009 'The Future of e-Research Infrastructures', with Eric T. Meyer, Kathryn Eccles, Zack Kertcher, Franz Barjak, Tobias Huesing, Simon Robinson, Proceedings of the 5th International Conference on e-Social Science, 24-26 June 2009, Cologne.
- [83] 2009 'Mapping Global e-Research: Scientometrics and Webometrics', with Eric T. Meyer, Han-Woo Park. Proceedings of the 5th International Conference on e-Social Science, 24-26 June 2009, Cologne.
- [84] 2009 'Embedding e-Research Technologies in Everyday Life', with Dimitrina Spencer, Proceedings of the 5th International Conference on e-Social Science, 24-26 June 2009, Cologne (submitted for journal publication).
- [85] 2009 'Bottom-up, Top-Down, and other social and technological dynamics of e-Research', with Kathryn Eccles, Eric Meyer and others, presented at the UK e-Science All Hands Meetings 2009.
- [86] 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.
- [87] 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.
- [88] 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.
- [89] 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.cf>
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