

SAID BUSINESS SCHOOL

MSC IN MANAGEMENT RESEARCH

Hilary Term 2008

Social Studies of Science and Technology

Course leader: Professor Steve Woolgar

N.B. Please remember to check the Intranet for the most current version of this list. Library staff regularly update hyperlinks, shelfmarks and copy information.

A. RATIONALE AND OBJECTIVES

Science and Technology Studies (STS) is an important, influential and often controversial multidiscipline which has been widely taken up in Business Schools and Management Studies courses. It challenges accepted views about science and technology but also has wide ranging implications for basic assumptions about organisation, management and society.

STS asks us to rethink many of the ways we approach social science because ideas about science and technology are at the heart of social science research. Firstly, an understanding of science and technology is fundamental to questions about how knowledge is generated and distributed, what is the nature and source of expertise, and what are the social and organizational effects of the introduction of new technology. Secondly, assumptions about the nature of science and technology underpin some of our deepest assumptions about the nature of research itself. What models of “science” do we draw upon in attempting to persuade one another? How do technologies of information and communication inform the ways we organize ourselves?

The main objective of the course is to introduce some main themes of STS. Some of the analytic perspectives covered include relativism and social constructivism, social shaping, actor network theory and reflexivity. Particular consideration will be given to the provocative value(s) of STS. The course covers substantive areas such as the genesis and reception of scientific knowledge and the sociology of technology, including the social dynamics of information and communication technologies. This latter will include a brief look at the effects of the new technologies on questions of identity, trust, privacy, representation and social organization. By the end of the course, students should be able to identify and use arguments in STS which may be appropriate to their thesis topic.

B. THE COURSE

You do not need to have expertise, or a technical background in science and technology, to take this course! The course comprises eight weekly two hour classes. These are held on Tuesdays 10am-12noon. The classes comprise lecture/discussion plus student presentations. Each student is required

to give at least two presentations during the course and to write two practice essays. Students are also asked to carry out and report on exercises set in class.

Lectures/topics

1. The basics, from the received view to the strong programme
2. The constructivist turn: sociology and politics of technology
3. Actor network theory and beyond
4. Textuality, affordances and reflexivity
5. Ambivalence, multiplicity, deferral and fluidity
6. Governance, accountability and ordinary objects
7. Internet technologies, virtuality and reality
8. The dynamics of provocation

Assessment

Assessment is by means of an unseen written examination at the end of term.

Office Hours

Professor Steve Woolgar: Room 30.038 Monday 2-3pm

Readings

Students should prepare for each class by doing the assigned reading. This is, of course, especially important in preparing for the presentation for which you are responsible.

* denotes essential reading.

Textbooks

No one textbook covers all the materials in the course, but it may be helpful to consult the following recent books for different topics:

David, Matthew (2005) *Science in Society* (Palgrave Macmillan)

3 books in Short Loan Collection

RN.LC (dav)

Erickson, Mark (2005) *Science, Culture and Society: understanding science in the 21st century* (Polity)

3 books in Short Loan Collection

RA.LC (eri)

Sismondo, Sergio (2004) *An Introduction to Science and Technology Studies* (Blackwell, Oxford)

3 books in Short Loan Collection

RA (sis)

Yearley, Steven (2005) *Making Sense of Science: understanding the social study of science* (Sage, London)

3 books in Short Loan Collection

RN.LC (yea)

Some useful collections

Biagioli, Mario (ed) (1999) *The Science Studies Reader* (Routledge)

2 books in Short Loan Collection

RB (bia)

1 book in RSL Stack 02.E05373

@ SBS Desk

Jasanoff, Sheila, Markle Gerald E., Petersen, James and Pinch, Trevor (eds) (2002)

Handbook of Science and Technology Studies, rev. ed. (Sage)

2 books in Short Loan Collection

RA (jas)

1 book in RSL Stack 02.E00448

@ SBS Desk (1995 ed.)

Hackett, Edward J., Amsterdamska, Olga, Lynch, Michael and Wajcman, Judy (eds) (2007)

Handbook of Science and Technology Studies, 3rd, rev. ed. (MIT Press)

2 books in Short Loan Collection

RA (jas)

N.B. All of the articles from *Science, Technology and Human Values* (STHV) and most of the articles from *Social Studies of Science* (SSS) are available electronically through the SBS Intranet. This reading list, in its online version, includes direct links to these (and other) articles. STHV is available in hard copy in the Bodleian, whereas SSS is available at the Radcliffe Science Library.

1. The basics, from the “received view” of science to the strong programme (Tuesday 10-12: January 15th 2008: ACSR)

*Bloor, David (1976) Knowledge and Social Imagery (Routledge and Kegan Paul) chapters 1 & 7
2 books in Short Loan Collection RZE (blo) (2nd ed., 1991)
1 book in Bodleian Stack M93.E00724 @ SBS Desk

Cole, Stephen (2004) “Merton’s contribution to the Sociology of Science” Social Studies of Science, 34 (6), 829-844
Article available from SAGE Journals Online. For full text (pdf) click [here](#)

*Kuhn, Thomas S. (2nd ed 1970) The Structure of Scientific Revolutions (University of Chicago Press) at least chapters 4, 7, 8 and 9
14 books in Short Loan Collection LC (kuh) (3rd ed., 1996)
1 book in RSL Stack 05.E03647 @ SBS Desk

Magee, Bryan (1975) Popper, 4th ed. (London: Fontana/Collins) (especially Chapter 1 ‘Introductory’ pp.9-17, Chapter 3 ‘The criterion of demarcation between what is and what is not science’ pp.35-55 and Chapter 5 ‘Objective knowledge’ pp.65-73)
9 offprints of each Chapter (1, 3 & 5) in Stack

Taylor, F.W. (1998) Principles of Scientific Management (Dover Publications) at least chapter 1
7 copies in Short Loan Collection A (tay)

Also available as:

Taylor, F.W. (1972) Scientific Management (Greenwood Press)
2 books in Short Loan Collection A (tay)

Webster, Andrew (1991) Science, Technology and Society (Macmillan) chapters 1 and 2
2 books in Short Loan Collection RA.LC (web)
Chapter 1 ‘Introduction’: 2 offprints in Stack
Chapter 2 ‘Sociology of science and technology’: 2 offprints in Stack

*Woolgar, Steve (1988) Science: the very idea (Routledge: London) chapters 1-4
Chapter 4 ‘Inverting Nature’: 5 offprints in Stack
5 books in Short Loan Collection LC (woo)
1 book in RSL Stack 06.G00377 @ SBS desk

Questions

What is science?

What are the main differences between philosophical and sociological understandings of science?

How much does STS owe to Thomas Kuhn?

How far can we understand science without understanding the content of scientific knowledge?

2. The constructivist turn: sociology and politics of technology (Tuesday 10-12: January 22nd 2008: ACSR)

Grint, Keith and Woolgar, Steve (1992) "Computers, guns and roses: what's social about being shot?" *Science Technology and Human Values* 17 (3) 366-380

Article available on JSTOR. For pdf click [here](#)

*Grint, Keith and Woolgar, Steve (1997) *The Machine At Work: technology, work and organisation* (Polity: Oxford) chapters 1, 3 and 4

7 books in Short Loan Collection

1 book in Bodleian Stack M05.E03246

JWC.RNB (gri)

@ SBS Desk

Hacking, Ian (2000) *The Social Construction of What?* (Harvard)

See also review by Weinberg, Steven TLS (Feb 18 2000; p8)

3 books in Short Loan Collection

1 book in Bodleian Stack M99.E0882

RZE (hac)

@ SBS Desk

Latour, Bruno (1987) *Science In Action: how to follow scientists and engineers through society* (Open University Press) chapters 1 and 2

1 book in Short Loan Collection

2 books in Short Loan Collection

RB (lat)

RB (lat) (Harvard University Press, 1987)

*Latour, Bruno and Woolgar, Steve (1986) *Laboratory Life: the construction of scientific facts* (2nd edition: Princeton University Press) especially chapter 2

9 books in Short Loan Collection

RB.DI (lat)

*MacKenzie, Donald (1990) Chapter 7 'The construction of technical facts' pp. 340-381
Inventing Accuracy: a historical sociology of nuclear missile guidance (MIT Press)

19 offprints in Stack

1 book in Short Loan Collection

1 book in Bodleian Stack M92.E01464

QQ.YO (mac)

@ SBS Desk

MacKenzie, Donald (2003) "An Equation and its Worlds: bricolage, exemplars, disunity and performativity in financial economics" *Social Studies of Science* 33 831-868

3 offprints in Stack

*Pinch, Trevor and Bijker, Wiebe (1987) "The social construction of facts and artifacts or how the sociology of science and the sociology of technology might benefit each other"

17-50 in Bijker, W., Hughes, T. and Pinch, T. (eds) *The Social Construction of Technological Systems* (MIT Press)

3 books in Short Loan Collection

1 book in Bodleian Stack M02.E09597

1 book in Social Sciences Library T14.5.SOC

RN.LC (bij)

@ SBS Desk

Powell, Christopher (2001) "What's social about social construction? How to bridge a political schism by reaffirming an ontological divide" *Social Studies of Science* 31 (2) 299-307 (review of Hacking, Ian (1999) *The Social Construction of What?* (Harvard U Press))

Article available on JSTOR. For pdf click [here](#)

Restivo, Sal and Jennifer Croissant (2008) "Social constructionism in Science and Technology Studies" 213-229 in *Handbook of Constructionist Research*, edited by J.A. Holstein & J.F. Gubrium (Guilford Press, New York)

3 offprints in Stack

1 book in Short Loan Collection

LX.LA (hol)

Star, Susan Leigh (1991) "Power, technologies and the phenomenology of conventions: on being allergic to onions" 26-56 in Law, John (ed) *A Sociology of Monsters: essays on power, technology and domination* (Sociological Review Monograph 38)

3 offprints in Stack

1 book in Short Loan Collection

1 book in Bodleian Stack M04.F03093

RN (law)

@ SBS Desk

*Winner, Langdon (1999) "Do artefacts have politics?" 28-40 in MacKenzie, Donald and Wajcman, Judy (eds) *The Social Shaping of Technology* (MIT Press, 2nd edition)

4 books in Short Loan Collection

1 book in Bodleian Stack M00.E05900

RN.LC (mac) (1st ed. 1985)

@ SBS Desk

Woolgar, Steve (1991) "The turn to technology in social studies of science" *Science Technology and Human Values* 16 (1) 20-50

Article available on JSTOR. For full text click [here](#)

Questions

How successful is the social constructivist perspective on science?

Truth is the upshot of consensus, not its cause. Discuss.

Do artefacts have politics?

3. Actor network theory and beyond (Tuesday 10-12: January 29th 2008: ACSR)

Ashmore, M. (1993). "Behaviour Modification of a Catflap: a contribution to the Sociology of Things." *Kennis en Methode* 17: 214-229.

2 offprints in Stack

An analysis, in equal measure rigorous and humorous, which explores the extent to which is possible to sustain generalised symmetry between a cat, a person and a catflap.

Callon, M. and Latour, B. (1981) "Unscrewing the big Leviathan". In K. D. Knorr-Cetina and A. V. Cicourel (Eds.) *Advances in Social Theory and Methodology: Toward an Integration of Micro- and Macro-Sociologies*. Boston, Mass, Routledge and Kegan Paul:

277-303.

2 offprints in Stack

1 book in Bodleian Stack 24725 e.2531

@ SBS Desk

1 book in Social Sciences Library

HM24.ADV

* Callon, Michel (1986) "Some elements of a sociology of translation: domestication of the scallops and the fishermen of St Brieuc Bay" 196-233 in Law, John (ed) *Power, Action and Belief: a new sociology of knowledge?* (Routledge and Kegan Paul: London)

4 offprints in Stack

1 book in Bodleian Stack M04.F03100

@ SBS Desk

Johnson, Jim (1988) "Mixing humans and non humans together: the sociology of a door closer" *Social Problems*, 35, 298-310

Article available on JSTOR. For full text click [here](#)

Latour Bruno (2004) *The Politics of Nature: how to bring the sciences into democracy* (Harvard)

2 books in Short Loan Collection

RJE.QA (lat)

1 book in Bodleian Stack M05.E03381

@ SBS Desk

Latour, Bruno (2005) *Reassembling the Social: an introduction to actor network theory* (Oxford): 1-17 and 141-156

2 books in Short Loan Collection

LX.LA (lat)

1 book in Social Sciences Library

HM585.LAT

* Latour, Bruno (1992) "Where are the missing masses? The sociology of a few mundane artefacts" 225-258 in Bijker, Wiebe and Law, John (eds) *Shaping Technology/Building Society: studies in sociotechnical change* (MIT Press)

11 offprints in Stack

6 books in Short Loan Collection

RN.LC (bij)

* Latour, Bruno (1990) "Drawing things together" 19-68 in Lynch, Mike and Woolgar, Steve (eds) *Representation in Scientific Practice* (MIT Press)

2 offprints in Stack

1 book in Short Loan Collection

RZG (lyn)

Law, John (1987) "Technology and heterogeneous engineering: the case of Portuguese expansion" 111-134 in Bijker, W., Hughes, T. and Pinch, T. (eds) *The Social Construction of Technological Systems* (MIT Press)

3 books in Short Loan Collection

RN.LC (bij)

1 book in Bodleian Stack M02.E09597

@ SBS Desk

Law, John and Hassard, John (eds) (1999) *Actor Network Theory and after* (Blackwell, Oxford) chapters by Latour; Mol; and Callon

3 books in Short Loan Collection

RZ.LA (law)

1 book in Bodleian Stack M04.F03029

@ SBS Desk

* Lee, Nick and Brown, Steve (1994) "Otherness and the actor network: the undiscovered continent" *American Behavioral Scientist*, 37 (6) 772-790

Article available on Proquest. For full text (pdf) click [here](#)

Pickering, Andrew (ed) (1992) *Science as Practice and Culture* (Chicago University Press) especially chapters 10 and 12

2 books in Short Loan Collection

RB.LC (pic)

1 book in Bodleian Stack M94.E01528

Reserved for SBS Desk

Strathern, M (1996) "Cutting the network" *Journal of the Royal Anthropological Institute*, 2 517-535

Article available on JSTOR. For full text click [here](#)

Questions

What are the strengths and weaknesses of actor network theory?

ANT is no more than distributed essentialism. Discuss.

To what extent have the major challenges of ANT been diluted into a safe explanatory formula?

4. Textuality, affordances and reflexivity **(Tuesday 10-12: February 5th 2008: ACSR)**

Ashmore, Malcolm (1989) *The Reflexive Thesis: wrighting the sociology of scientific knowledge* (Chicago University Press)

1 book in Short Loan Collection RZE (ash)
1 book in Bodleian Stack M89.E08724 @ SBS Desk
Chapter 1 'The Fiction of the lecturer': 2 offprints in Stack
Chapter 2 'An encyclopedia of reflexivity and knowledge': 2 offprints in Stack

Ashmore, Malcolm, Myers, Greg and Potter, Jonathan (1995) "Discourse, rhetoric, reflexivity: seven days in the library" 321-342 in: Jasanoff, Sheila, Markle, Gerald E., Petersen, James C. and Pinch, Trevor (eds) *Handbook of Science and Technology Studies* (London: Sage)

2 offprints in Stack
2 books in Short Loan Collection RA (jas)
1 book in RSL Stack 02.E00448

Cooper, Geoff and Woolgar, Steve (1996) 'The research process: context, autonomy and audience' in J. Busfield and S. Lyon (eds) *Methodological Imaginations* (London: Macmillan) 147-163

2 offprints in Stack
1 book in Bodleian Stack M96.F04141 @ SBS Desk

Dugdale, Annie (1999) "Materiality: juggling sameness and difference" 113-135 in Law, John and Hassard, John (eds.) *Actor Network Theory and after* (Blackwell: Oxford)

3 books in Short Loan Collection RZ.LA (law)
1 book in Bodleian Stack M04.F03029 @ SBS Desk

Elichirigoity, Fernando (2000) "On failing to reach escape velocity beyond modernity" *Social Studies of Science* 30 (1) 145-50 (review of Feenberg, Andrew (1999))

Article available on JSTOR. For full text click [here](#)

also Feenberg's reply, Will the real post-human please stand up! A response to Elichirigoity, *Social Studies of Science* (2000) 30 (1) 151-157]

Article available on JSTOR. For full text click [here](#)

Feenberg, Andrew (1999) "The limits of technical rationality" in *Questioning Technology* (Routledge: London)

2 offprints in Stack
2 books in Short Loan Collection RN.LC (fee)

*Hutchby, Ian (2001) "Technologies, texts and affordances" *Sociology* 35 (2) 441-456

Article available online from Sage Journals Online. For full text (pdf) click [here](#)

Plus reply and response:

Rappert, Brian (2003) "Technologies, Texts, and Possibilities" *Sociology* 37(3) 565-579

Article available online from Sage Journals Online. For full text (pdf) click [here](#)

Hutchby, Ian (2003) "Affordances and the analysis of technologically mediated interaction: a response to Brian Rappert" *Sociology* 37 (3) 581-589
Article available on Sage Journals Online. For full text (pdf) click [here](#)

* Special issue of *Theory, Culture & Society*, 19 (5/6), 2002:-
Articles by: Latour, *Morality and Technology: The End of the Means*
Article available on Sage Journals Online. For full text (pdf) click [here](#)
Pietz, *Material Considerations : On the Historical Forensics of Contract*
Article available on Sage Journals Online. For full text (pdf) click [here](#)

Sellen, Abigail and Harper, Richard (2001) *The Myth of the Paperless Office* (MIT press)
6 books in Short Loan Collection LP (sel)

Woolgar, Steve (ed) (1988) *Knowledge and Reflexivity: new directions in the sociology of knowledge* (London: Sage)

1 book in Bodleian Stack 247 e.828 requested to SBS Desk
1 book in Bodleian Stack (Nuneham) M91.F06646 @ SBS Desk (pbk., 1991)

Out of Print

Read especially chapters 1, 2 and 8:
Chapter 1, 'The next step; an introduction to the Reflexive Project' Woolgar, Steve and Ashmore, Malcolm:

2 offprints in Stack

* Chapter 2, 'Reflexivity is the ethnographer of the text', Woolgar, Steve
2 offprints in Stack

Chapter 8, 'The politics of explanation: an alternative', Latour, Bruno
2 offprints available in Stack

Questions

Is there too much relativism in STS?

Does relativism hinder or help political intervention?

What is reflexivity and why is it important for understanding science and technology?

5. Ambivalence, multiplicity, deferral and fluidity

(Tuesday 10-12: February 12th 2008: ACSR)

Gieryn, Thomas (1999) "John Tyndall's double boundary-work: science, religion, and mechanics in Victorian England" Chapter 1 in Cultural Boundaries of Science

(University of Chicago, 1999)

2 offprints in Stack

1 book in Short Loan

RA.LC (gie)

*Haraway, Donna (1991) "Situated knowledges: the science question in feminism and the privilege of the partial perspective" 183-201 in Haraway, Donna (ed) Simians, Cyborgs and Women: the reinvention of nature (Routledge: London)

2 offprints in Stack

Haraway, Donna (1992) "Promises of monsters: a regenerative politics of inappropriate/d others" in Grossberg, L, Nelson, C and Treichler, P (eds) Cultural Studies (Routledge: London)

3 offprints in Stack

Harbers, Hans (2003) "The womb as operation room: feminist technology studies without 'failures of nerve'" Science Technology and Human Values 28(3) 425-434

Available on Sage Journals Online. For full text (pdf) click [here](#)

*de Laet, Marianne and Mol, Annemarie (2000) "The Zimbabwe bush pump: mechanics of a fluid technology" Social Studies of Science, 30 (2) 225-263

Article available on JSTOR. For full text click [here](#)

Latour, Bruno (1993) We Have Never Been Modern (Harvester Wheatsheaf: London) especially chapters 1 and 2

1 book in Short Loan Collection

RB.RZ (lat)

1 book in Shot Loan Collection

RB.RZ (lat)

(Harvard University Press: Cambridge, Mass., 1993)

Chapter 1 'Crisis': 2 offprints in Stack

Chapter 2 'Constitution' 2 offprints in Stack

Law, John (2002) "Objects and Spaces" Theory, Culture & Society, 19 (5/6) 91-105

Available on Sage Journals Online. For full text (pdf) click [here](#)

Law, John and Hassard, John (eds) (1999) Actor Network Theory and after (Blackwell, Oxford) chapters by Law (introduction), and by Moser and Law

3 books in Short Loan Collection

RZ.LA (law)

1 book in Bodleian Stack M04.F03029

@ SBS Desk

Lee, Nick (1999) "The challenge of childhood: distributions of childhood's ambiguity in adult institutions" Childhood 6 (1) 455-474

Article available on Sage Journals Online. For full text (pdf) click [here](#)

*Leigh Star, Susan and Griesmer, James (1989) “Institutional ecology, translations and coherence: amateurs and professionals in Berkeley’s Museum of Vertebrate Zoology, 1907-1939” *Social Studies of Science*, 19: 387-420

Article available on JSTOR. For full text click [here](#)

Mol, Annemarie and Law, John (1994) “Regions, networks and fluids: anaemia and social topology” *Social Studies of Science*, 24 641-671

Article available on JSTOR. For full text click [here](#)

*Mol, Annemarie (2002) *The Body Multiple: ontology in medical practice* (Duke University Press, London), chapters 1 and 2

2 books in Short Loan Collection

RM (mol)

* Rappert, Brian (2001) “The Distribution and Resolution of the ambiguities of technology or why bobby can’t spray” *Social Studies of Science* 31 (4) 557-592

Article available on JSTOR. For full text click [here](#)

Woolgar, Steve and Cooper, Geoff (1999) “Do artefacts have ambivalence?” *Social Studies of Science* 29 (3) 433-449

Article available on JSTOR (1975-1999). For full text click [here](#)

Questions

How helpful is it to treat technology as a text?

Critically assess the utility of the concept of “affordance” for social studies of science and technology.

Explain and critically assess the importance of the dispute between explanations which prioritise the “material” and those which prioritise the “social”.

What is the importance of boundaries for understanding science and technology?

What are fluid technologies?

6. Governance, accountability and ordinary objects

(Tuesday 10-12: February 19th 2008: ACSR)

Barry, Andrew (2001) *Political Machines: governing a technological society* (London: Athlone Press) especially chapters 1, 4 and 6

2 books in Short Loan Collection

QA.RN (bar)

Foucault, M. (1991) 'Governmentality' in G Burchell, C. Gordon and P. Miller (eds) *The Foucault Effect: studies in governmentality* (London: Harvester Wheatsheaf)

2 books in Short Loan Collection

QC (fou)

1 book in Bodleian Stack M91.E07126

@ SBS Desk

1 book in Bodleian Stack M91.E07125

@ SBS Desk

Gibbons, M. et al., 1994. *The New Production of Knowledge* (Sage)

4 books in Short Loan Collection

MC.AA (gib)

Kimbell, L., 2002. *Audit* (Bookworks) [ISBN 1 870699 60 2.]

4 books in Short Loan Collection

ELD.LC (kim)

Click [here](#) for information from Lucy Kimbell's website

Latour, Bruno (1991) "Technology is society made durable" 103-131 in Law, John (ed) *A Sociology of Monsters: essays on power, technology and domination* (London: Routledge Sociological Review Monograph)

1 book in book in the Short Loan Collection

RN (law)

1 book in Bodleian Stack M04.F03093

@ SBS Desk

Latour, Bruno (1992) "Where are the missing masses? The sociology of a few mundane artifacts" 225-258 in Bijker, Wiebe E. and Law, John (eds) *Shaping Technology/ Building Society: studies in sociotechnical change* (MIT Press)

6 books in book in the Short Loan Collection

RN.LC (bij)

Munro, R. and Mouritsen, J. (eds.), 1995. *Accountability: power, ethos and the technologies of managing* (International Thomson Business Press), esp. chapters by Law; Munro; and Hoskin.

4 books in Short Loan Collection

AEB (mun)

Neyland, D. and Woolgar, S., 2002. Accountability in action? – the case of a database purchasing decision. *British Journal of Sociology* 53 (2), 259-274.

Article available on Blackwells Synergy. For full text (pdf) click [here](#)

* Power, M., 1997. *The audit society: rituals of verification* (OUP), esp. Chapters 1, 3 and 5

5 books in Short Loan Collection

ELD (pow)

Rose, N. (1988) 'Calculable minds and manageable individuals' *History of the Human Sciences* 1 179-200.

Article available on Sage Journals Online. For full text (pdf) click [here](#)

Rose, N. (1990) *Governing the Soul: the shaping of the private self* (London: Routledge)
2 books in Short Loan Collection LK (ros)
1 book in Bodleian Stack M02.F04992 @ SBS Desk
1 book in RSL Stack M91.F00641 @ SBS Desk

* Rose, N. (1996) 'Governing "advanced" liberal democracies' 37-64 in Barry, A., Osborne, T. and Rose N. (eds) *Foucault and Political Reason*, London: UCL Press.
2 offprints in Stack
1 book in Bodleian Stack M96.F08665 @ SBS Desk

* Strathern, M. (ed.), 2000. *Audit cultures* (Routledge), esp. Introduction and Chapters 1 and 4.
6 books in Short Loan Collection LCB.LUE (str)

Woolgar, S., Accountability and identity in the age of UABs (forthcoming in *Environment and Planning D: Society and Space*).
Article pdf available [here](#)

Woolgar, Steve and Neyland, Daniel *Mundane Governance: objects, technology and accountability* (manuscript chapters)
Steve Woolgar to make available

Questions

How can STS help our understanding of governance and accountability?

Critically assess attempts to explain the rise of accountability How adequate is the governance of science and technology?

What is mundane governance?

7. Internet technologies, virtuality and reality

(Tuesday 10-12: February 26th 2008: ACSR)

Baym, N.K. (1995) From practice to culture in Usenet. In S.L. Star (ed.) The Cultures of Computing. Blackwell: Oxford. pp. 29-52.

3 offprints in Stack

Castells, M. (2001) The Internet Galaxy: reflections on the Internet, business and society (OUP: Oxford) chapters 1, 2 and 8

13 books in Short Loan Collection

WR.AZA (cas)

Donath, J.S. (1999) Identity and deception in the virtual community. In Smith, M.A. and Kollock, P. (eds.) (1999) Communities in Cyberspace. Routledge: London. pp. 29-59.

9 books in Short Loan Collection

WNB.LC (smi)

Escobar, A. (1994) Welcome to Cyberia: notes on the anthropology of cyberculture.

Current Anthropology, 35 (3)

Article available on JSTOR. For pdf click [here](#)

* Hine, C (2000) Virtual Ethnography. Sage: London. Chapters 2 and 5

3 books in Short Loan Collection

WR.DU (hin)

* Jones, S.G. (1998) Information, Internet and Community: notes towards an understanding of community in the Information Age. In S.G. Jones (ed.) Cybersociety 2.0. Sage: Thousand Oaks, CA. pp. 1-34.

3 books in Short Loan Collection

WP.WX (jon)

Kollock, P. and Smith, M.A. (1999) Communities in Cyberspace. In Smith, M.A. and Kollock, P. (eds.) (1999) Communities in Cyberspace. Routledge: London. pp. 3-25.

9 books in Short Loan Collection

WNB.LC (smi)

Locke, J.L. (1998) Why we don't talk to each other anymore: the de-voicing of society
New York: Simon and Schuster (pbk.)

2 books in the Short Loan Collection

MG (loc)

Previously published in hardback as: The de-voicing of society: why we don't talk to each other anymore

Chapter 5 'De-voicing' 1 offprint available in Stack

Chapter 6 'The Big Chill' 1 offprint available in Stack

Chapter 7 'The Autistic Society' 1 offprint available in Stack

Markham, A.N. (1998) Life Online: researching real experience in virtual space. Altamira:
Walnut Creek, CA.

6 books in Short Loan Collection

WX.WR (mar)

* Miller, D and Slater, D. (2000) The Internet: an ethnographic approach (Berg, Oxford)
chaps 1 and 2

6 books in Short Loan Collection

WR.LC (mil)

- Rheingold, Howard (1993) *The Virtual Community: homesteading on the electronic frontier* (Addison-Wesley)
 10 books in Short Loan Collection WR.WX (rhe)
- Slater, Don (2002) *Making Things Real : Ethics and Order on the Internet Theory, Culture & Society*, 19 (5/6),
 2 offprints in Stack
- Slevin, J. (2000) *The Internet and Society*. Polity: Cambridge. Chapters 1 and 4
 3 books in Short Loan Collection WR.WX (sle)
- Stone, A. R. (1991) “Will the real body please stand up? Boundary stories about virtual cultures” 81-118 in M. Benedikt (ed) *Cyberspace: first steps*
 10 offprints in Stack
- Webster, F. (1995) *Theories of the Information Society*. Routledge: London. Ch. 2
 3 books in Short Loan Collection MC.AA (web) (2nd ed., 2002)
- Wellman, Barry and Caroline Haythornthwaite (2002) *The in everyday life*, Information Age series, Blackwell.
 2 books in Short loan Collection WR.WX (wel)
- *Woolgar, Steve (ed) (2002) *Virtual Society? – technology, cyberbole, reality* (OUP):
 Chapters by Woolgar; Brown and Lightfoot; Pollner; Wyatt et al.
 11 books in Short Loan Collection WX.WB (woo)

Questions

- How can STS help us understand Internet technologies?
- What is different about on-line communities?
- Have electronic technologies really brought about the “death of distance”?
- What are the main social impacts of internet technologies?
- Critically evaluate the “five rules of virtuality”.
- What sustains the hype often associated with new technologies?
- Do we still need bodies?

8. The Dynamics of Provocation (Tuesday 10-12: March 4th 2008: ACSR)

* Edwards, D., Ashmore, M. and Potter, J. (1995) "Death and furniture: On the rhetoric, politics and theology of bottom-line arguments against relativism" *History of the Human Sciences*, 8: 25-49
3 offprints in Stack

Haraway, Donna (2003) *The Companion Species Manifesto: dogs, people and significant otherness* (Prickly Paradigm Press: Chicago)
1 book in RSL Stack 03.G00538 @ SBS Desk
2 books on order

Haraway, Donna (2004) *The Haraway Reader* (Routledge: London),
especially: Chapter 1: A Manifesto for Cyborgs
* Chapter 7: Modest_Witness@Second_Millennium
1 book in Bodleian Stack M03.E16540 @ SBS Desk
2 books on order

* Herrnstein Smith, Barbara (1997) *Belief and Resistance: dynamics of contemporary intellectual controversy* (Harvard University Press) chapters 1 and 2
3 books in Short Loan Collection LXM (smi)

Jasanoff, Sheila (1996) "Beyond epistemology: relativism and engagement in the politics of science" *Social Studies of Science*, 26 (2) 393-418
Article available on JSTOR. For full text click [here](#)

Pollner, Mel (1991) 'Left of ethnomethodology: the rise and decline of radical reflexivity' *American Sociological Review*, Vol 56(3) 370-80.
Article available on Proquest. For full text (pdf) click [here](#)

Wynne, Brian (1996) "SSK's identity parade: signing-up, off-and-on" *Social Studies of Science*, 26 (2) 357-392
Article available on JSTOR. For full text click [here](#)

Woolgar, Steve (2004) 'What happened to provocation in Science and Technology Studies?' *History and Technology* 20 (4) (December) 339-349
Article available on Informaworld. For full text click [here](#)

Woolgar, Steve (2005) 'Ontological disobedience - definitely! {maybe}' in Stephen P. Turner and Alan Sica (eds) *A Disobedient Generation* (University of Chicago Press) 309-324
1 book in Social Sciences Library HM478.DIS
1 book in Nuffield on Open Shelf HM 478.S
2 offprints on order

* Woolgar, Steve, Coopmans, Catelijne, Neyland, Daniel and Simakova, Elena (2005) "Does STS Mean Business Too?"

Short piece written for 2005 conference

Available on SBS. For full text click [here](#) to download pdf

see also

Coopmans, Catelijne, Neyland, Daniel and Woolgar Steve (2004) "Does STS Mean Business? - some issues and questions"

Short piece written for 2004 conference.

Available on SBS. For full text click [here](#) to download pdf

Questions:

In what ways and to what extent can STS be useful?

Do radical ideas always end up being compromised?

What are the dynamics of provocation?