

MODULE 2: PRODUCING KNOWLEDGE

Module coordinator: Sissel Myklebust

Week 37: Science and Technology Studies – General Introduction				
Date	Time	Activity	Lecturer	Readings
Monday 10.9	9.15-11.00	Course Introduction, STS pre-history	Sissel Myklebust	Merton 1942/1973 - C Kuhn 1977 - C Asdal, Brenna & Moser 2007, 7-53. -B
Tuesday 11. 9	9.15- 11.00	Analyzing expertise	Sissel Myklebust	Collins & Pinch 1998 -B Introduction and Conclusion, Venturini 2010-E
Wednesday 12.9	10.00	Excursion: Teknisk Museum	Hilde Reinertsen	
Thursday 13.9	9.15-11.00	Method: Field Studies	Asdis Jonsdottir	Marcus 1995 –E
Thursday 13.9	12.15-1400	Symmetry and Controversy	Hilde Reinertsen	Collins& Pinch 1998 Ch. 1-5 -B
Friday 14.9	15.15-1600	Conference lecture: Sheila Jasanoff		

Week 38: Sociology of Scientific Knowledge (SSK) and Social Construction of Society (SCOT)				
Date	Time	Activity	Lecturer	Readings
Monday 17.9	9.15-11.00	Acting in an Uncertain World	Sissel Myklebust	Callon et.al 2009: pp. 1-37
Tuesday 18.9	9.30-11.00 12.15- 14.00	Excursion Teknologirådet Sociology of Scientific Knowledge	Hilde Reinertsen Sissel Myklebust	Callon et.al. 2009 (ch.5). Bloor 1973, Collins 1975 & 1981

Wednesday 19.9	10-15	Excursion Neuroscience lab (NDEVOR)	Hilde Reinertsen	
Thursday 20.9	9.15- 11.00	Social construction of technology	Sissel Myklebust	Pinch & Bijker 1984
Friday 21.9		Reading day		

Week 39: Laboratory Studies and Actor-Network Theory (ANT)				
Date	Time	Activity	Lecturer	Readings
Monday 24.9	9.15-11.00	Laboratory studies	Kristin Asdal	Latour & Woolgar 1979/1986, Latour (1983), Knorr-Cetina 1995
Tuesday 25.9	9.15-11.00	Actor-network theory (ANT)	Kristin Asdal	Latour (1987), Callonin Asdal et.al.(2007), Law (1992), Moser & Law in Asdal et.al.2007
Wednesday 26.9		Reading Day		
Thursday 27.9	9.15-11.00	How to do STS?	Sissel Myklebust	Handout
Thursday 27.9	12.15-14.00	Workshop: Analyzing Expertise in an Uncertain World (case study)	Sissel Myklebust	

READINGS MODULE 2

Books (B)

Asdal, K, Brenna, B. & Moser, I. (eds) (2007) *Technoscience: The Politics of Intervention*. Oslo: Unipub.

Collins, H. & Pinch, T. (1998) *The Golem at Large: What You Should Know about Technology*. Cambridge: Cambridge University Press.

Articles in compendium (C)

Callon, M., Lascoumes, P. & Barthe, Y. (2009) *Acting in an Uncertain World: An Essay on Technical Democracy*. "Chapter 5", pp. 153-189, Cambridge, Mass.: The MIT Press.

Knorr-Cetina, K. (1995) 'Laboratory studies: The cultural approach to the study of science', pp. 140-166, in S. Jasanoff et al. (eds) *Handbook of Science and Technology Studies*. London, Sage.

Kuhn, T.S. (1977) 'The Historical Structure of Scientific Discovery', pp. 165-177, in T. S.

Kuhn, *The Essential Tension*. Chicago: The University of Chicago Press.

Latour, B. (1983) 'Give me a laboratory and I will raise the world', pp. 141-170, in K. D. Knorr-Cetina & M. Mulkay (eds) *Science Observed: Perspectives on the Social Study of Science*. London: Sage.

Latour, B. (1987) *Science in Action: How to Follow Engineers and Scientists through Society*. Cambridge, Mass.: Harvard University Press. 'Introduction', pp. 1-17; 'Chapter 2', pp. 63-100; 'Chapter 3', pp. 103-144.

Latour, B. & Woolgar, S. (1979/1986) *Laboratory Life: The Construction of Scientific Facts*. Princeton, NJ: Princeton University Press. 'Chapter 2', pp. 43-90; 'Postscript', pp. 273-286.

Merton, R. K. (1942/1973) 'The Normative Structure of Science', pp. 267-280 in R. K. Merton, *The Sociology of Science*. Chicago: Chicago University Press.

Articles available online/ on Fronter (E)

Bloor, D. (1973) 'Wittgenstein and Mannheim on the Sociology of Mathematics'. *Studies in History and Philosophy of Science* 4(2): 173-191.

Callon, M., Lascoumes, P. & Barthe, Y. (2009) *Acting in an Uncertain World: An Essay on Technical Democracy*. Cambridge, Mass.: The MIT Press, pp 1-36.

Collins, H. M. (1975) 'The Seven Sexes: A Study in the Sociology of a Phenomenon, or the Replication of Experiments in Physics'. *Sociology* 9 (2): 205-224.

Collins, H. M. (1981) 'Introduction: Stages in the Empirical Programme of Relativism'. *Social Studies of Science* 11(1): 3-10.

Law, J. (1992) 'Notes on the Theory of the Actor Network: Ordering, Strategy and Heterogeneity', published by the Centre for Science Studies, Lancaster University, Lancaster LA1 4YN.

Marcus, G. (1995) 'Ethnography in/of the World System: the Emergence of Multi-Sited Ethnography'. *Annual Review of Anthropology* 24: 95-117.

Pinch, T. J. & Bijker, W. (1984) 'The Social Construction of Facts and Artefacts: or How the Sociology of Science and the Sociology of Technology might Benefit Each Other'. *Social Studies of Science* 14(3): 399-441.

Venturini, Tommaso (2010) 'Diving in Magma: How to Explore Controversies with Actor-Network Theory'. *Public Understanding of Science* 19: 258-273.

MODULE 3: MACRO PERSPECTIVES ON INNOVATION

Module coordinator: Magnus Gulbrandsen

Week 41				
Date	Time	Activity	Lecturer	Curriculum
Monday 8.10	9.15-11	Introduction to the module; A Guide to Schumpeter.	Jan Fagerberg	Oxford Handbook of Innovation Fagerberg 2003,(ch 1)
Monday 8.10	13.15-15	Evolutionary and neoclassical perspectives on R&D and innovation policy	Jan Fagerberg	Oxford Handbook (ch 22)
Thursday 9.10	9.15-11	R&D and innovation policy: the Norwegian case	Jan Fagerberg	FMV (ch 1), Fagerberg 2009, NOU 2011: 6 (ch 2)
Thursday 9.10	13.15-15.	National systems of innovation, capabilities and economic growth	Jan Fagerberg	Oxford Handbook (ch 18 and 19). Fagerberg, J. and Srholec, M. 2008
Wednesday 10.10		Reading Day		
Thursday 11.10		Reading Day		
Friday 12.10		Reading Day		

Week 42				
Date	Time	Activity	Lecturer	Curriculum
Monday 15.10	9.15-11	Types of innovation and their measurement	Magnus Gulbrandsen	Abernathy & Clark (1985), OECD's Oslo Manual (latest version), Oxford Handbook chapter 6, Godin

				(2008)
Tuesday 16.10	9.15-11	Innovation processes, innovation and ethics	Magnus Gulbrandsen	Kline & Rosenberg (1986), Balconi et al (2010); Morlacchi & Nelson (2010)
Wednesday 17.10		Reading day		
Thursday 18.10		Visit to the Research Council	Magnus Gulbrandsen	Note: this is a full-day trip visiting the Research Council of Norway including presentations also from Innovation Norway, SIVA and relevant ministries. This is a complex day to organise so it has to be confirmed.
Friday 19.10	9.15-11	Public research organisations, policy and innovation	Magnus Gulbrandsen	FMV chapters 3, 11 and 12

Week 43				
Date	Time	Activity	Lecturer	Curriculum
Monday 22.10	9.15-11	Systems of Innovation- an overview	Morten Fosaas	Freeman 1995, Oxford handbook(ch. 7), Sharif 2006
Tuesday 23.10	9.15-11	Regional IS	Morten Fosaas	Oxford Handbook (ch. 11).
Wednesday 24.10		Reading day		
Thursday 25.10	9.15-11	Sectorial IS+ Technological IS	Morten Fosaas	Oxford Handbook (ch. 14), Pavitt 1984, Srholec and Verspagen 2007 Berkek et al 2008 and Carlsson & Stankiewicz 1991

Friday 26.10.	9.15-11	The role of policy + Discussion on the IS-approaches	Morten Fosaas	Smith, 2000 Metcalfé 1995
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Readings

"The Oxford Handbook of Innovation" 2005, Edited by Jan Fagerberg, David Mowery and Richard Nelson. Published by Oxford University Press, Oxford.

"Innovation, Path Dependency, and Policy: The Norwegian case" 2009. Edited by Jan Fagerberg, David Mowery and Bart Verspagen. Published by Oxford University Press, Oxford.

"Managing Innovation: Integrating technological, market and organizational change" 2011 4th edition. By Joe Tidd and John Bessant. Published by John Wiley and Sons Ltd., West Essex.

"Innovation: Mapping the winds of creative destruction" 1985 Abernathy and Clark in Research Policy 14 (1985) 3-22

"In defence of the linear model: An essay" Balconi and Brusoni and Luigi Orsenigo in Research Policy 39 (2010) 1-13

"The Positive Sum Strategy: Harnessing Technology for Economic Growth", 1986, Ralph Landau and Nathan Rosenberg. The National Academies Press

How medical practice evolves: Learning to treat failing hearts with an implantable device, Piera Morlacchi and Richard R. Nelson in Research Policy 40 (2011) 511-525

The Measurement of Scientific and Technological Activities Oslo Manual Guidelines for Collecting and Interpreting Innovation Data. OECD Publishing Nov 8, 2005

MODULE 4: POLITICS OF KNOWLEDGE AND TECHNOLOGIES OF POLITICS

Module coordinator: Kristin Asdal

How do the sciences take part in politics and administration and in shaping political issues? What are the sites and the means through which objects and issues emerge and are managed? What are the technologies of politics and how do users, consumers and ordinary citizens question politics of knowledge and engage with politics of life and objects of nature? This module will engage with resources within a broadly defined field of science and technology studies (STS) to work on these questions. You will learn to recognize the complex relationships between science and politics and get an increased understanding of research tools and methods for studying the sciences in their exchange with society.

Week 44				
Date	Time	Lecturer	Activity	Readings
Monday 29.10	09.15- 11.00	Kristin Asdal and Tone Druglitrø	Overriding themes I: Introduction to the module: Politics of knowledge and technologies of politics Turning the lab and laboratory studies outwards towards politics: The lab as a technology of politics – its role in the enactment of political issues	(Asdal 2011, introduction, ch 1 and 6); re-reading (Latour and Woolgar 1986) from earlier module
Tuesday 30.10	09.15-11.00	Tone Druglitrø	Overriding themes II: Technologies of politics, governmentality, market devices and the user/consumer	Foucault 2002, Farsethås 2009, Callon, Millo, and Muniesa 2007, Asdal and Jacobsen 2009
Wednesday 31.10	09.00-11.00	Tone Druglitrø	I. The politics and technologies of life: Biomedicine, care-practices and emerging	Rose 2007, introduction, ch 1 and 2), Mol 2002, Pols 2006, Thompson 2005, Law 2010; re-

			subjects and objects	reading Foucault 2002, Farsethås 2009
Thursday 01.11	09.15-11.00	Tone Druglitrø	II: The politics and technologies of life: Biomedicine, care-practices and emerging subjects and objects.	Same as above
Friday 02.11	09.15-11.00	Tone Druglitrø and invited lecturer Ingunn Moser	Method-section: Observing and interviewing	Moser and Law 2007, Moser 2011

Week 45				
Date	Time	Lecturer	Activity	Readings
Monday 05.11	09.15-11.00	Kristin Asdal	Documents and inscription devices as technologies of politics – and their role in the shaping of objects and issues	Asdal 2011, chapter 2, Latour 2010, Suchman 1983, Riles 2006a, 2006b; re-reading Farsethås 2009
Tuesday 06.11	09.15-11.00.	Hilde Reinertsen	Method section: Tracing and reading documents	Hilgartner 2000; re-reading Asdal 2011, chapter 2, Latour 2010
Wednesday 07.11	09.15-11.00.	Hilde Reinertsen	Technologies of numbers and accounting	Asdal 2011, chapter 3, Miller 1994), Singleton 2012), Porter 1994
Thursday 08.11	09.00-11.00	Kristin Asdal	Sites and devices for practical action, issue and object management: The office, the home, the public consultation institution and the consensus-conference	Asdal 2011, ch 4), Marres 2008, Blok 2007, Rem 2008; re-reading Latour 2005, Suchman 1983

Friday 09.11	09.00-11.00	Hilde Reinertsen	Excursion: Norges Naturvernforbund	(Reinertsen and Asdal 2010), re- reading (Latour 2005)
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Week 46				
Date	Time	Lecturer	Activity	Readings
Monday 12.11	09.15-11.00	AsdisJonsdottir and Brian Wynne	Engaging with the climate issue	Asdal 2011, ch 5, Wynne 2010, Marres 2011, Wynne (1996
Tuesday 13.11	09.15.-11.00	Brian Wynne	Engaging with issues and objects: Citizens, consumers, users and lay people	Ellis and Waterton 2005, Wynne 1992, Oudshoorn and Pinch 2003, Wyatt 2008
Wednesday 14.11	09.15-11.00	Asdis Jonsdottir	Engaging with issues and objects: Situated knowledges	Star 2007, Haraway 2007, Heath 2007; all in Asdal, Brenna Moser 2007
Thursday 15.11	09.15-11.00	Kristin Asdal	Engaging with issues and objects: Citizens, consumers, users and lay people	Callon and Rabeharisoa 2008, Callon, Méadel, and Rabeharisoa 2002), Akrich 1992), Cochoy and Grandclément- Chaffy 2005
Friday 16.11.	09.15.11.00	Kristin Asdal	How do we manage? Summing up and tools for ordering and technologies of politics: The lab, documents, numbers, the office, involving citizens, making markets.	

READINGS

Books:

Asdal, Kristin. 2011. *Politikkens natur - naturens politikk*. Oslo: Universitetsforlaget.

Introduction: "Politikkens natur - naturens politikk.", 11-22.

Chapter 1. "Å røre ved verket: veien om laboratoriet.", 23-49.

Chapter 2. "En sak for industrien: politikkenes tekster.", 50-74.

Chapter 3. "Få utslippene ned! Tallteknologiers betydning.", 75-105.

Chapter 4. "Et verk som ikke står der: å sende en sak på høring.", 106-38.

Chapter 5. "Naturen som motvekt: naturvitenskap versus økonomifag.", 139-72.

Chapter 6. "Klimasak som økonomisak: å ta markedsmekanismen i bruk.", 173-210.

Asdal, Kristin, Brita Brenna, and Ingunn Moser. 2007. *Technoscience: The Politics of Interventions*. Oslo: Unipub.

Haraway, Donna. 2007. "Situated Knowledges: The Science Question in Feminism and the Privilege of Partial Perspective.", 109-34.

Heath, Deborah. 2007. "Bodies, Antibodies, and Modest Interventions.", 135-56.

Moser, Ingunn, and John Law. 2007. "Good Passages, Bad Passages.", 157-78.

Star, Susan Leigh. 2007. "Power, Technology and the Phenomenology of Conventions: On Being Allergic to Onions.", 79-108.

Compendium:

Akrich, Madeleine. 1992. "The De-Description of Technical Objects." In *Shaping Technology/Building Society: Studies in Sociotechnical Change*, edited by Wiebe E. Bijker and John Law, 205-24. Cambridge, Mass.: MIT Press.

Asdal, Kristin, and Eivind Jacobsen. 2009. "Innledende essay: Å bære forbrukeransvar." In *Forbrukerens ansvar*, edited by Kristin Asdal and Eivind Jacobsen, 9-30. Oslo: Cappelen Damm.

Callon, Michel, Yuval Millo, and Fabian Muniesa. 2007. "An Introduction to Market Devices." In *Market Devices*, 1-39. Malden, Mass.: Blackwell.

Foucault, Michel. 2002. "Regjering." In *Forelesninger om regjering og styringskunst*. Oversatt av Iver B. Neumann, 39-71. Oslo: Cappelen Akademisk.

Hilgartner, Stephen. 2000. "Staging Authoritative Reports." In *Science on Stage: Expert Advice as Public Drama*, 42-85. Stanford, Calif.: Stanford University Press.

Latour, Bruno. 2010. "How to Make a File Ripe for Use." In *The Making of Law: An Ethnography of the Conseil d'Etat*, 70-106. Cambridge: Polity Press.

Latour, Bruno, and Steve Woolgar. 1986. "An Anthropologist Visits the Laboratory." In *Laboratory Life: The Construction of Scientific Facts*, 43-104. Princeton, N.J.: Princeton University Press.

- Miller, Peter. 1994. "Accounting and Objectivity: The Invention of Calculating Selves and Calculable Spaces." In *Rethinking Objectivity*, edited by Allan Megill. Durham, NC: Duke University Press.
- Mol, Annemarie. 2002. *The Body Multiple: Ontology in Medical Practice*. Durham, NC: Duke University Press.
- Oudshoorn, Nelly, and Trevor Pinch. 2003. "Introduction." In *How Users Matter: The Co-construction of Users and Technologies*, edited by Nelly Oudshoorn and Trevor Pinch, 1-25. Cambridge, Mass.: MIT Press.
- Porter, Theodore M. 1994. "Making Things Quantitative." In *Accounting and Science. Natural Inquiry and Commercial Reason*, edited by Michael Power, 36-56. Cambridge: Cambridge University Press.
- Rem, Silje. 2008. "Å stemme med gaffelen: Vendingen mot forbrukerne i norsk matpolitikk." In *Eksperitise og Brukermakt*, edited by Kristin Asdal and Ingunn Moser. Oslo: Unipub.
- Riles, Annelise. 2006a. "Introduction: In Response." In *Documents: Artifacts of Modern Knowledge*, 1-40. Ann Arbor, Mich.: University of Michigan Press.
- Riles, Annelise. 2006b. "[Deadlines]: Removing the Brackets on Politics in Bureaucratic and Anthropological Analysis." In *Documents: Artifacts of Modern Knowledge*, 71-94. Ann Arbor, Mich.: University of Michigan Press.
- Rose, Nikolas S. 2007. *Politics of Life Itself: Biomedicine, Power, and Subjectivity in the Twenty-first Century*. Princeton: Princeton University Press.
Introduction, 1-8.
Chaper 1. "Biopolitics in the Twenty-First Century", 9-40.
Chapter 2. "Politics and Life.", 41-76.
- Thompson, Charis. 2005. "Agency through Objectification: Subjectivity and Technology." In *Making Parents. The Ontological Choreography of Reproductive Technologies*, 179-204. Cambridge, Mass.: The MIT Press.
- Wyatt, Sally. 2008. "Technological Determinism is Dead: Long Live Technological Determinism." In *The Handbook of Science and Technology Studies*, edited by Edward J. Hackett, 165-80. Cambridge, Mass.: The MIT Press.

Online access:

- Blok, Anders. 2007. "Experts on Public Trial: On Democratizing Expertise Through a Danish Consensus Conference." *Public Understanding of Science* 16 (2): 163-82.
<http://pus.sagepub.com/content/16/2/163.short>
- Callon, Michel, Cécile Méadel, and Vololona Rabeharisoa. 2002. "The Economy of Qualities." *Economy and Society* 31 (2): 194-217.
<http://www.tandfonline.com/doi/abs/10.1080/03085140220123126>
- Callon, Michel, and Vololona Rabeharisoa. 2008. "The Growing Engagement of Emergent Concerned Groups in Political and Economic Life." *Science, Technology & Human Values* 33 (2): 230-61.
<http://sth.sagepub.com/content/33/2/230.abstract>
- Cochoy, Franck, and Catherine Grandclément-Chaffy. 2005. "Publicizing Goldilocks' Choice at the Supermarket: The Political Work of Shopping Packs, Carts and Talk." In

- Making Things Public*, edited by Bruno Latour and Peter Weibel, 646-59. Cambridge: The MIT Press.
http://www.catherinegrandclement.eu/uploads/9/4/7/5/9475035/cchoygdclemt_2005_mtp_tit.pdf
- Ellis, Rebecca, and Claire Waterton. 2005. "Caught Between the Cartographic and the Ethnographic Imagination: The Whereabouts of Amateurs, Professionals, and Nature in Knowing Biodiversity." *Environment and Planning D: Society and Space* 23 (5): 673-93.
<http://www.envplan.com/abstract.cgi?id=d353t>
- Farsethås, Hans Christian. 2009. "Disiplin, biopolitikk og regjering. Foucaults maktanalyser." *Agora* (2-3): 225-46.
http://www.uib.no/filearchive/foucaults_maktanalyser-1-.pdf
- Latour, Bruno. 2005. "From Realpolitik to Dingpolitik, or How to Make Things Public." In *Making Things Public: Atmospheres of Democracy*, edited by Bruno Latour and Peter Weibel, 4-31. Cambridge, Mass.: MIT Press.
<http://www.bruno-latour.fr/sites/default/files/96-DINGPOLITIK-GB.pdf>
- Law, John. 2010. "Care and Killing: Tensions in Veterinary Practice." In *Care in Practice. On Tinkering in Clinics, Homes and Farms*, edited by Mol Annemarie, Ingunn Moser and Jeannette Pols. Bielefeld: transcript Verlag.
<http://heterogeneities.net/publications/Law2008CareAndKilling.pdf>
- Marres, Noortje. 2011. "The Costs of Public Involvement: Everyday Devices of Carbon Accounting and the Materialization of Participation." *Economy and Society* 40 (4): 510-33.
<http://www.tandfonline.com/doi/abs/10.1080/03085147.2011.602294>
- Marres, Noortje. 2008. "The Making of Climate Publics: Eco-homes as Material Devices of Publicity." *Distinktion: Scandinavian Journal of Social Theory* (16): 27-46.
<http://www.tandfonline.com/doi/abs/10.1080/1600910X.2008.9672954>
- Moser, Ingunn. 2011. "Dementia and the Limits to Life: Anthropological Sensibilities, STS Interferences, and Possibilities for Action in Care." *Science, Technology & Human Values* 36 (5): 704-22.
<http://sth.sagepub.com/content/36/5/704.abstract>
- Pols, Jeannette. 2006. "Washing the Citizen: Washing, Cleanliness and Citizenship in Mental Health Care." *Culture, Medicine and Psychiatry* 30 (1): 77-104.
<http://www.springerlink.com/content/e27823843u16g966/>
- Reinertsen, Hilde, and Kristin Asdal. "Fra naturfredning til klimakamp: Norges Naturvernforbund 1914-2014." TIK, 2010.
<http://www.sv.uio.no/tik/forskning/publikasjoner/tik-artikkelserie/ReinertsenAsdal.pdf>
- Singleton, Vicky. 2012. "When Contexts Meet: Feminism and Accountability in UK Cattle Farming." *Science, Technology & Human Values*.
<http://sth.sagepub.com/content/early/2011/09/16/0162243911418536.abstract?rss=1>

Suchman, Lucy A. 1983. "Office Procedure as Practical Action: Models of Work and System Design." *ACM Transactions on Information Systems (TOIS)* 1 (4): 320-328.

<http://dl.acm.org/citation.cfm?id=357442.357445>

Wynne, Brian. 1992. "Misunderstood Misunderstanding: Social Identities and Public Uptake of Science." *Public Understanding of Science* 1 (3): 281-304.

<http://pus.sagepub.com/content/1/3/281.short>

Wynne, Brian. 1996. "SSK's Identity Parade: Signing-Up, Off-and-On." *Social Studies of Science* 26 (2): 357-91.

<http://sss.sagepub.com/content/26/2/357.abstract>

Wynne, Brian. 2010. "Strange Weather, Again." *Theory, Culture & Society* 27 (2-3): 289-305.

<http://tcs.sagepub.com/content/27/2-3/289.abstract>

Module 5: Micro perspectives on innovation: innovation in organisations and in practice				
Week 48				
Monday 26.11	09-11	Innovation in organisations and organisational innovation	Magnus Gulbrandsen	Oxford handbook ch 5; Jensen et al. 2009
Tuesday 27.11	09-11	Management of innovation – main perspectives	Magnus Gulbrandsen	Tidd et al, chapter 2 (additonal reading ch. 1)
Wednesday 28.11	09-11	Reading day		
Thursday 29.11	09-11	Can innovation be managed? Discussion and possibly group work	Magnus Gulbrandsen	Tidd et al, chapter 3 (additonal reading ch. 4)
Friday 30.11	09-12	Company visit Telenor	Morten Fosaas	Meet at Telenor Fornebu
Week 49				
Monday 03.12	09-11	Searching and selecting innovations	Morten Fosaas	Tidd et al ch. 5,6
Thursday 04.12	09-11	Implementing and capturing innovation	Morten Fosaas	Tidd et al ch. 9,11
Wednesday 05.12	09-13 15-17	(Summing up the modules: integrative perspectives on innovation and STS)	Morten Fosaas (Sissel Myklebust)	
Thursday 06.12	09-11	Reading day		
Friday 07.12	09-11	Innovation in service industries?	Markus Bugge NIFU	Bugge 2011 ¹
Week 50				
Monday 10.12	09-11	Company visit DNV?	Morten Fosaas	
Tuesday 11.12	09-11	Innovation in the public sector?	Markus Bugge NIFU, Riche Vestby KS	Hartley 2005 ²
Wednesday 12.12	09-11	Reading day		
Thursday 13.12	09-11	Discussion on company visits	Morten Fosaas	Students prepare presentations
Friday 14.12	09-11	Summing up 'innovation'	Morten Fosaas	

¹ Available at: <http://www.tandfonline.com/doi/abs/10.1080/13662716.2011.541106>

² Available at: <http://www.tandfonline.com/doi/abs/10.1111/j.1467-9302.2005.00447.x>

Essay 3. Uke 51(14. desember- 21 desember.)

NB! Specific date for DNV company visit still to be confirmed. As a result, the same holds for the lectures given by Bugge and Vestby.