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## **CURRICULUM VITAE** **Sigve Tjøtta**

Born in Klepp, Norway, July 18<sup>th</sup>, 1956

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Department of Economics

University of Bergen

Hermann Fossgate 6, N-5006 Bergen Norway.

### **Current positions**

Professor, Department of Economics, University of Bergen, since 1999

Scientific Advisor, Foundation for Research in Economics and Business Administration (SNF), since 1993.

### **Degrees**

- Dr. Oecon (Ph.D) Norwegian School of Economics and Business Administration, 1990
- Master of Economics, Norwegian School of Economics and Business Administration, 1988.
- Master of Science, University of Bergen, Department of Mathematics, 1984
- Bachelor of Science, University of Bergen, Department of Mathematics, 1982

### **Research interest**

International environmental agreements, labour and family economics, experimental economics

### **Previous positions**

- Chairman, Department of Department of Economics UoB, 2002-2004
- Vice Dean for teaching, Faculty of Social Science UoB, 2002-2004.
- Assistant Professor, Department of Economics, University of Bergen, 1993- 1998.
- Assistant Professor, Department of Finance and Management Science, 1992
- Researcher, Centre for Applied Research, Norwegian School of Economics and Business Administration 1990-1992
- Doctoral Scholarship (Statoil), Centre for Applied Research, Norwegian School of Economics and Business Administration 1987-1989.
- Research Assistant; Centre for Applied Research, Norwegian School of Economics and Business Administration 1984-1986
- Research Assistant; Christian Michelsen Institute 1982-1984.

### **Member of boards**

The E.O.N Ruhrgas Scholarship Programme for Economics 2008-  
Committee of research, Faculty of Social Science, UoB, 2006-  
Council Department of Economics UoB 2005-  
Central committee for arts, University of Bergen 2007 –

Leader of Board of teaching committee, Faculty of Social Science, UoB, 2002-2004  
Leader of board of Department of Economics, 2002-2004  
Norwegian National Committee of Economics, 2002-2004  
The central teaching committee, University of Bergen 2003-2004  
Board of Faculty of Social Science, UoB, 2002-2004  
Board of Department of Economics, 1999-2001

### **Teaching (since 2006)**

Graduate: Environmental and Natural Resource Economics ECON 316  
Undergraduate: Mathematics for Economists (ECON 141) and Bachelor Essay (ECON 290)

### **Refereeing:**

Journal of Public Economics, Scandinavian Journal of Economics, Energy Journal, Human Resources, Energy Economics, Resource and Energy Economics, European Economic Review, Review of Industrial Organization, Journal of Institutional and Theoretical Economics, Norsk Økonomisk Tidsskrift, Økonomisk Forum, Tidsskrift for Velferdsforskning.

### **Research projects (since 2006)**

Leader of Norwegian Research Council Research Project: *Design, implementation and evaluation of environmental policy* (RENERGI) 2006-2009.

### **Research visitors**

2008 University of California, Berkeley (15.11-30.11)  
2005 Humboldt University Berlin (28.02-11.03)  
University of California, Berkeley (19.09-01.12)  
2004 Humboldt University Berlin (15.04-25.04)  
2003 Humboldt University Berlin (07.02-15.02)  
Humboldt University Berlin (19.05-25.05)  
2002 University of Tromsø (04.10-15.10)  
2000 University of Washington, Seattle, USA (24.09-01.12)  
1999 Humboldt Universität zu Berlin, (June )  
1998 FernUniversity Hagen, Germany (07.06- 09.06).  
Institut für Finanzwissenschaft, Humboldt University Berlin, (19.01-04.06)  
FernUniversity Hagen, Germany (02.03-04.03)  
Humboldt Universität zu Berlin, (02.02 - 01.03)  
1993 Humboldt Universität zu Berlin (June/July)  
1992 University of California, Berkeley, USA (January 1992- June 1992)

## **Publications**

### *Environmental and natural resource economics*

Do voluntary international environmental agreements work? (with Espen Bratberg and Torgeir Øines) *Journal of Environmental Economics and Management* 2005; 50(3): 583-597

The Oslo Protocol on sulfur reduction: The great leap forward? (with Michael Finus) *Journal of Public Economics*, 87, 2031-2048, 2003

“Deregulation of the Nordic Power Market and Environmental Policy” (with Eirik S. Amundsen and Arvid Nesse) *Energy Economics* (21), 1999, 417-434

“A test for natural monopoly with application to Norwegian electricity distribution” (with Kjell G. Salvanes), *Review of Industrial Organisation* 13: 669-685, 1998

“A note on the importance of testing for regularities for estimated flexible functional forms” (with Kjell G. Salvanes), *Journal of Productivity Analysis* (9) 2, 133-143, March 1998

“Trade and Price Variation in an Integrated European Power Market” (with Eirik S. Amundsen), *Applied Economics*, 29, 745-757, 1997

”Cost differences in electricity distribution: A multioutput Cost Function Approach with Robustness Tests of Results” (with Kjell G. Salvanes), *Journal of Productivity Analysis* 5, 1994, 23-43.

“Deregulation and common carriage in the Nordic power system” (with Kjetil Bjorvatn), *Energy Journal* (14) 1993, 57-74.

“Hydroelectric rent and precipitation variability. The case of Norway” (with Eirik S. Amundsen), *Energy Economics*, April 1993, 81-91.

### *Family and labour economics*

Public Transfer and Marital Dissolution (with Kjell Vaage) forthcoming in *Journal of Population Economics*.

Income effects of Divorce in families with dependent children (with Espen Bratberg) forthcoming in *Journal of Population Economics*

Please, Marry Me! An experimental study of risking a joint venture (with Werner Guth and Radosveta Ivanova-Stenzel). *Metroeconomica*, 55, 1-21, 2004.

Union Disruption in Norway (with Kjell Vaage) *International Journal of Sociology*, 33, 40-46, 2003

*Publications, working papers / reports in Norwegian*

*Økonomi og retorikk.* Økonomisk Forum, 57 (6), 22-24, 2003

*Økonomer – beskjedne og uten meninger?* i Fløttum K. (red) Akademisk Prosa, KIAS skriftserie 1-2003, Romansk institutt, UiB.

“Levekår i barnefamilier etter skilsmisse” (sammen med Espen Bratberg) SNF-rapport 1/99 - Rapport til Sosial- og helsedepartementet i forbindelse med Levekårsmeldinga 1999.

“Systempålitelighet i et markedsbasert omsetningssystem for kraft” (sammen med Linda Rud) SNF/Arbeidsnotat nr. 59/1996.

“Naturlig monopol i norsk telekommunikasjon: teori og empiri” (sammen med Morten Berg, Ivar Gaasland, Kåre Petter Hagen, Kjell Gunnar Salvanes) SNF-rapport 87/95, SNF, Bergen, 1995.

“Local Properties of Estimated Flexible Functional Forms” (with Kjell G. Salvanes). Working Paper No. 1795, Department of Economics, University of Bergen, 1995.

“Effektivisering av det nordiske kraftmarked”, TemaNord 1994:620, Nordisk Ministerråd, København, 1994.

“A Numerical Model of an Integrated European Electricity Market” (with Eirik Schrøder Ammundsen, Jørgen Bjørndalen, and Håkon Nyhus), SNF-Working Paper No. 33/1994.

“Deregulation and trade in the Nordic power system - a numerical analysis”, (with Kjetil Bjorvatn), SNF-Working Paper no. 59/1991, Bergen.

“Organisering av norsk utenrikshandel med kraft”, (sammen med Kjell E. Lommerud), SNF-report 31/1991.

“ELNET - En modell av det norske kraftmarkedet. Beskrivelse og dokumentasjon”, (sammen med Jørgen Bjørndalen), SNF-workingpaper no. 39/1991.

“Strøm på billigsalg. En betenkning angående Bergen Lysverkens rabattsalg”, SAF-workingpaper no. 7/90, Bergen.

“Bør Statoil raffinere olje?” SAFBulletin, 2, juni 1990, 2. årgang, SAF, Bergen.

“Anvendelse og metoder for to-nivå programmering. Noe for vertikal integrasjon?” SAF-arbeidsnotat 35/90. Prøveforelesning for dr. oecon graden.

“Integrasjon i kraftnæringen”, (sammen med Linda Rud), SAF-workingpaper no. 5/1989. Bergen.

“Empirisk test av lønnsomheten ved vertikal integrasjon av lønnsomheten i amerikansk oljeindustri” SAF-arbeidsnotat 4/1988, Bergen.

“Vertikal integrasjon i oljeindustrien : En teorigjennomgang” Spesialoppgave i høyere avdelingseksamen NHH 1988. (Også utgitt som SAF rapport 17/88, Bergen)

“En kvadratisk programmeringsmodell for jordbruket i Norge. En matematisk formulering. “, Workingpaper no. 10/87, Institutt for økonomi, Departement of Economics, University of Bergen.

“Dekomponeringsprinsippet for et parametrisk lineært programmeringsproblem” Hovedfagsoppgave i anvendt matematikk ved UiB, juni 1984

### **Work in progress**

[Do Collective Actions Clear Common Air? The Effect of International Enviromental Protocols on Sulphur Emissions](#) (with Arild Aakvik)

[Testing Guilt Aversion](#) with Tore Ellingsen, Magnus Johannesson, and Gaute Torsvik

Communication in Social Dilemma with Gaute Torsvik, Therese Kobbeltvedt,