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CURRENT POSTS

Copenhagen Business School

- **Director, Copenhagen School of Energy Infrastructure (CSEI)**
- **CBS Endowed Chair in Energy Economics, Department of Economics, October 2019 -**

AFFILIATIONS

Research Associate, MIT Center for Energy and Environmental Policy Research (CEEPR), Massachusetts Institute of Technology

Research Associate, Energy Policy Research Group (EPRG), Faculty of Economics, University of Cambridge

Associate Member, Centre for Contemporary Australasian Business and Economics Studies, (CCABES), University of Wollongong

Research Associate, Oviedo Efficiency Group (OEG), Department of Economics, University of Oviedo

Member, Academic Panel, The Gas and Electricity Markets Authority (Ofgem), 2017 -

Member, International Advisory Board, Energy Policy journal

Editor, Cambridge Elements in Energy Economics, Cambridge University Press, 2020 -

Associate Editor, Energy Strategies Reviews Journal, 2015 –

Editorial Board, Sustainability, 2019 -

Member, Training Advisory Board, Council of European Energy Regulators (CEER), 2019 -

Senior Common Room (SCR), University College, Durham University, 2013-2019.

Life Member, Clare Hall College, University of Cambridge, 2000 -

PREVIOUS POSITIONS

Durham University

- **Chair in Energy Economics, Durham University Business School**, March 2013 – September 2019
- **Co-Director**, Durham Energy Institute (DEI)

Professor, SIRE Chair in Energy Economics, March 2010 – February 2013

School of Management and Languages, Department of Accounting, Economics, and Finance, Heriot-Watt University, Edinburgh

Senior Research Associate, April 2005 – February 2010

Electricity Policy Research Group, Faculty of Economics, University of Cambridge

Research Associate, June 2001 - March 2005

Department of Applied Economics/Faculty of Economics, University of Cambridge

Research Assistant, July 2000 - June 2001

Department of Applied Economics/Faculty of Economics, University of Cambridge

VISITING POSTS

Marie Skłodowska-Curie Fellow/Visiting Professor, July 2019, China Electric Power Research Institute (CEPRI), State Grid, and Institute of Electrical Engineering (IEE), Chinese Academy of Science, Beijing.

Expert-in-Residence, 12-19 May 2019, Centre for Energy Regulation (CER), Indian Institute of Technology, Kanpur (IITK).

Marie Skłodowska-Curie Fellow/Visiting Professor, August 2018, Hellenic Telecommunications Organisation S.A. (OTE), Athens.

Marie Skłodowska-Curie Fellow / Visiting Professor, August 2017, China Electric Power Research Institute (CEPRI), State Grid and Institute of Electrical Engineering (IEE), Chinese academy of Science, Beijing.

Visiting Professor, June - July 2017, Department of Economics, Universidad Autonoma de Madrid.

Visiting Professor, June - July 2017, Universidad Pontificia Comillas de Madrid Escuela Técnica Superior de Ingeniería (ICAI), Instituto de Investigación Tecnológica (IIT).

Visiting Professor, May 2017, Barcelona Institute of Economics (IEB), University of Barcelona.

Visiting Researcher, July - August 2008, Department of Business Economics, Universitat Autònoma de Barcelona (UAB).

Visiting Researcher, August 2004, MIT Centre for Energy and the Environmental Policy Research (CEEPR), Massachusetts Institute of Technology (MIT).

Researcher, July-September 2001, Development Research Group (DRG), The World Bank, Washington, D.C.

EDUCATION

Ph.D., Energy and Environmental Economics and Policy

University of Cambridge, UK, 2000

Master of Science (M.Sc.), International Energy Management and Policy

University of Pennsylvania, USA, 1992

Mastère Spécialisé (M.S.) en Politique et Gestion de l'Energie

Ecole Nationale Supérieure du Pétrole et des Moteurs (ENSPM)

Institut Français du Pétrole (IFP), France, 1992

Master of Energy Management (MEM)

Norwegian School of Management (BI), Norway, 1991

Bachelor of Business Administration (BBA)

Teheran School of Business, Iran, 1980

COMMITTEES, PANELS AND OTHER MEMBERSHIPS

- External Examiner, Global Energy Program, University of Strathclyde, 2020 –
- Member of Program Committee, 41st IAEE International Conference 2018, International Association of Energy Economists, 10-13 June, Groningen, The Netherlands.
- Member, Research Hub Steering Committee, The Gas and Electricity Markets Authority (Ofgem), 2018 -
- Referee, European Research Council (ERC), ERC Starting Grant, 2018 -.
- Panel Member, Norway Research Council, Evaluation of research institutions and groups in social sciences (Economic-Administrative panel) in Norway 2017-2018.

- Guest Co-Editor, Special Issue on “Economic Analysis of Recent Energy Challenges: Technologies, Markets and Policies”, Energy Policy journal, 2018.
- Member, All-Party Parliamentary Group on Energy Studies, UK, 2016 –
- Referee, Professorial Promotion, Department of Accounting, Finance, and Economics, Bournemouth University, 1997.
- Member, UK Engineering and Physical Sciences Research Council (EPSRC), Peer Review College 1996 -.
- The Northern Ireland Authority for Utility Regulation (UREGNI), Member of the Academic Advisory Panel.
- Member of Appointment and Promotion Committees: University of California, Davis; Norwegian School of Management (BI), Oslo; Loughborough University, UK; University of Surrey, UK; University of Exeter, UK, University of Southern Denmark, Danish Technical University (DTU).
- Member, the working group for the successful Edinburgh bid to the UK government to locate the Green Investment Bank in Edinburgh, 2012.
- Scottish Institute for Research in Economics (SIRE), Environmental and Energy Economics Workshops, Member of Steering Group.
- Norway Research Council (NRC), Reviewer, Evaluation of research centre funding and research project grant applications 2015-2017.
- Workshop on “Finance and Investment Flows to Address Climate Change: The Way Forward, UN Framework Convention on Climate Change (UNFCCC)”, Invited expert panel member on assessment of R&D and deployment needs, 31 October 2007, Bonn.
- Austrian Science Fund (FWF), Research grant reviewer.
- Royal Economic Society, Member.
- International Association for Energy Economics (IAEE), Member.
- Research grant reviewer, UK Economic and Social Research Council (ESRC).
- Research Grant interview panel member, UK Engineering and Physical Sciences Research Council (EPSRC).

- Ad hoc group on “Drivers for Investment in Innovative Technologies, in Power Generation and Energy Efficiency”, High Level Group on Competitiveness, Energy, and the Environment, DG Enterprise and Industry, European Commission, 5 September 2006, Brussels.

SELECTED ADVISORY ROLES

- Colombia: Association of electricity network operators, tariff policy and competition in retail electricity markets.
- Brazil: Benchmarking and regulation advice for an electricity distribution utility.
- Peru: Peruvian Energy Regulator (Osinerghmin): Contributed to a project on developing a new electricity distribution network regulation methodology.
- UK: Electricite de France (EDF): Distribution network investment and regulation.
- UK: Office of Gas and Electricity Markets (Ofgem), 2005-2010 Distribution price control review.
- UK Department of Energy and Climate Change, Smart meter roll out, optimism bias, and cost benefit analysis.
- UK: Department of Energy and Climate Change, Carbon capture and storage funding and innovation strategy.
- Germany: ENBW, Electricity distribution network benchmarking.
- Germany: German Energy Regulator, Bundesnetzagentur (BNetzA): Gas network benchmarking.
- Sweden: Swedish Electricity Regulator (STEM), Distribution regulation methodology.
- Switzerland: Swiss State Secretariat for Economic Affairs (SECO), Incentive regulation of electricity networks.
- Council of European Energy Regulators (CEER), European gas transmission networks benchmarking.
- The World Bank: Energy sector reform in developing countries, various projects and publications.
- France: Electricity Regulatory Commission (CRE), Benchmarking methodology for electricity distribution networks.

- Turkey: Regulatory assessment for privatization of distribution networks.
- AES: Benchmarking and regulation of distribution networks.

RESEARCH PROJECTS AND AWARDS

- Principal Investigator, Ten-Year Network Development Plan (TYNDP) Joint Scenarios Methodology Assessment, European Commission, DG ENER, euro 15,000, 2020-2021.
- Co-Investigator – EPSRC Centre for Sustainable Road Transport, Funded by the UK Engineering and Physical Science Research Council (EPSRC), Total funding £9,000,000 (2018-2023), £230,000 to Durham University Business School.
- Principal and Co-Investigator, Horizon 2020 Rise project, European Commission, Testing and Evaluating Sophisticated Information and Communication Technologies for enabling a Smarter Grid (TESTBED), £21,000/£169,000, January 2017 – December 2019.
- Co-Investigator – EPSRC National Centre for Energy Systems Integration (CESI), A multi-disciplinary consortium research centre, Funded by the UK Engineering and Physical Science Research Council (EPSRC), Total funding £20,000,000 (2016-2021), £145,000 to Durham University Business School.
- Dean’s Award for Research Excellence, 2013/14, Durham University Business School, Durham University.
- Principal Investigator – Work package Leader, Member of Steering Committee, Executive Board, Securing the European Electricity System against Accidents and Malicious Attacks (SESAME), A Framework Program 7 project, European Commission, €298,000 (2011-2014).
- Principle Investigator – Work package Leader, Sustainable Grid Development (SUSGRID), Norway Research Council, £145,000 (2011-2014).
- Investigator – Centre for Sustainable Road Freight (CfSRF), an EPSRC funded joint research centre of Cambridge University and Heriot Watt University, The UK Research Councils Energy Programme, £4,500,000 (2012-2017).
- ESRC Scottish Doctoral Training Centre, Awarded a PhD Scholarship for a candidate in Economics (2011-2014).
- Principle Investigator - SuperGen-Flexnet Project, Electricity Policy Research Group (EPRG), Faculty of Economics, Cambridge University, UK Research Councils Energy Programme, £650,000 (2009-2010).
- The World Bank, Rapid Response Unit, \$25,000 (2004-2005).

- The World Bank, Development Economics Research Unit, \$50,000 (2003).
- Council of European Energy Regulators (CEER), €55,000 (2005).
- Heriot Watt Energy Academy, Heriot-Watt University, £2,500 (2010).
- Heriot Watt Energy Academy, Heriot-Watt University, £1,650 (2011).

PUBLICATIONS

Books

1. Olsen, B.E., Lund, H., Jamasb, T., Møllgaard, P., and Smidt, C., Eds. (2021). **Energy Regulation in the Green Transition**. Danish Utility Regulator's Anthology Project Series on Better Regulation in the Energy Sector, Volume 1, Danish Utility Regulator (DUR), Copenhagen. (ISSN 2597-3053)
2. Jamasb, T. and Pollitt, M.G., Eds. (2011). **The Future of Electricity Demand: Customers, Citizens, and Loads**. Cambridge University Press: Cambridge. (ISBN-13: 9781107008502).
3. Grubb, M., Jamasb, T., and Pollitt, M.G., Eds. (2008). **Delivering a Low-Carbon Electricity System: Technologies, Economics, and Policy**. Cambridge University Press: Cambridge. (ISBN-13:9780521888844).
4. Jamasb, T., Pollitt, M.G. and Nuttall, W., Eds. (2006). **Future Technologies for a Sustainable Electricity System**. Cambridge University Press: Cambridge. (ISBN-13:9780521860499 | ISBN-10:0521860490).

Book Chapters

5. Olsen, B.E., Lund, H., Jamasb, T., Møllgaard, P., and Smidt, C., Eds. (2021). **Introduction to Energy Regulation in the Green Transition: An Anthology**, in *Energy Regulation in the Green Transition*, Danish Utility Regulator's Anthology Project Series on Better Regulation in the Energy Sector, Volume 1, pp. 5-13, Danish Utility Regulator (DUR), Copenhagen. (ISSN 2597-3053)
6. Jamasb, T., Llorca, M., Meeus, L., and Schittekatte, T. (2021). **Energy Network Innovation for Green Transition: Economic Issues and Regulatory Options**, in Egelund Olsen, B., Lund, H., Jamasb, T., Møllgaard, P. and Smidt, C., Eds. *Energy Regulation in the Green Transition*, Danish Utility Regulator's Anthology Project Series on Better Regulation in the Energy Sector, Vol. 1, Ch. 1, pp. 14-21, Danish Utility Regulator (DUR), Copenhagen. (ISSN 2597-3053)

7. Schittekatte, T., Meeus, L., Jamasb, T., and Llorca, M. (2021). **Regulatory Experimentation in Energy: Three Pioneer Countries and Lessons for the Green Transition**, in Egelund Olsen, B., Lund, H., Jamasb, T., Møllgaard, P. and Smidt, C., Eds. *Energy Regulation in the Green Transition*, Danish Utility Regulator's Anthology Project Series on Better Regulation in the Energy Sector, Vol. 1, Ch. 6, pp. 74-84, Danish Utility Regulator (DUR), Copenhagen. (ISSN 2597-3053)
8. Jamasb, T. and Llorca, M. (2021). **The Rebound Effect in Road Freight Transport**, in Vickerman, R., Noland, R.B. and Ettema, D. (eds.), *International Encyclopedia of Transportation*, pp. 402-406, Elsevier, Amsterdam.
9. Sen, A., Nepal, R. and Jamasb, T. (2017). **Rethinking Electricity Reform in Asia: Balancing Economic and Environmental Objectives**, Chapter 15, in Bhattacharya, S. (Ed.) *Handbook of Energy in Asia*, Routledge.
10. Jamasb, T. and Nepal, R. (2016). **Delivering Electricity Network Security: Economics, Regulation, and Policy**, in Heffron, R.J. and Little, G.F.M., Eds., *Delivering Energy Law and Policy in the EU and the US: A Reader*, Chapter 9, 1st. Edition, Edinburgh University Press: Edinburgh.
11. Growitsch, C., Jamasb, T., Müller, C., and Wissner, M. (2016). **Social Cost Efficient Service Quality: Integrating Customer Valuation in Incentive Regulation: Evidence from the Case of Norway**, in Zhu, J., Ed., *Data Envelopment Analysis: A Handbook of Empirical Studies and Applications*, pp.71-92, Springer: New York.
12. Poudineh, R., Tobiasson, W., and Jamasb, T. (2016). **Electricity Distribution Utilities and the Future: More than Wires**, in Finger, M. and Jaag, C., Eds., *Routledge Companion to Network Industries*, pp.297-311, Routledge.
13. Sen, A. and Jamasb, T. (2013). **Not Seeing the Wood for the Trees? Electricity Market Reform in India**, in Sioshansi, F.P., Ed., *Evolution of Global Electricity Markets: New Paradigms, New Challenges, New Approaches*, pp.497-530, Elsevier: London.
14. Jamasb, T., Platchkov, L.M., and Pollitt, M.G. (2011). **Introduction and Overview of the Chapters**, in Jamasb, T. and Pollitt, M.G., Eds., *The Future of Electricity Demand: Customers, Citizens, and Loads*, pp.1-16, Cambridge University Press: Cambridge.
15. Haney, A.B., Jamasb, T., Platchkov, L.M., and Pollitt, M.G. (2011). **Demand-Side Management Strategies and the Residential Sector: Lessons from the International Experience**, in Jamasb, T. and Pollitt, M.G., Eds., *The Future of Electricity Demand: Customers, Citizens, and Loads*, pp.337-378, Cambridge University Press: Cambridge.
16. Haney, A.B., Jamasb, T., and Pollitt, M.G. (2011). **Smart Metering: Technology, Economics and International Experience**, in Jamasb, T. and Pollitt, M.G., Eds., *The*

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- Future of Electricity Demand: Customers, Citizens, and Loads*, pp.161-184, Cambridge University Press: Cambridge.
17. Jamasb, T. and Marantes, C. (2011). **Electricity Distribution Network: Investment, Regulation, and Uncertainty**, in Jamasb, T. and Pollitt, M.G., Eds., *The Future of Electricity Demand: Customers, Citizens, and Loads*, pp.379-400, Cambridge University Press: Cambridge.
 18. Jamasb, T. and Meier, H. (2011). **Energy Spending and Vulnerable Households**, in Jamasb, T. and Pollitt, M.G., Eds., *The Future of Electricity Demand: Customers, Citizens, and Loads*, pp.318-336, Cambridge University Press: Cambridge.
 19. Akcura, E., Haney, A.B., Jamasb, T., and Reiner, D. (2011). **From Citizen to Consumer: Energy Policy and Public Attitudes in the UK**, in Jamasb, T. and Pollitt, M.G., Eds., *The Future of Electricity Demand: Customers, Citizens, and Loads*. pp.231-248, Cambridge University Press: Cambridge.
 20. Jamasb, T. and Pollitt, M.G. (2011). **Concluding Reflections on Future Active Networks and the Demand-Side for Electricity**, in Jamasb, T. and Pollitt, M.G., Eds., *The Future of Electricity Demand: Customers, Citizens, and Loads*, pp.464-468, Cambridge University Press: Cambridge.
 21. Jamasb, T. (2011). **Preface**, in Sioshansi, F.P., Ed., in *Energy Sustainability and the Environment: Technology, Incentives, Behaviour*, Elsevier: London.
 22. Grubb, M., Jamasb, T., and Pollitt, M.G. (2008). **A Low-Carbon Electricity Sector for the UK: Issues and Options**, in Grubb, M., Jamasb, T., and Pollitt, M.G., Eds., *Delivering a Low-Carbon Electricity System: Technologies, Economics, and Policy*, pp.1-27, Cambridge University Press: Cambridge.
 23. Jamasb, T., Nuttall, W.J., Pollitt, M.G., and Maratou, A. (2008). **Technologies for a Low-Carbon Electricity System: An Assessment of the UK's Technological Issues and Options**, in Grubb, M., Jamasb, T., and Pollitt, M.G., Eds., *Delivering a Low-Carbon Electricity System: Technologies, Economics, and Policy*, pp.64-99, Cambridge University Press: Cambridge.
 24. Jamasb, T. and Kohler, J. (2008). **Learning Curves for Energy Technology and Policy Analysis: A Critical Assessment**, in Grubb, M., Jamasb, T., and Pollitt, M.G., Eds., *Delivering a Low-Carbon Electricity System: Technologies, Economics, and Policy*, pp.314-332, Cambridge University Press: Cambridge.
 25. Grubb, M., Jamasb, T., and Pollitt, M.G. (2008). **A Low-Carbon Electricity Sector for the UK: What Can be Done and How Much Will it Cost?**, in Grubb, M., Jamasb, T., and Pollitt, M.G., Eds., *Delivering a Low-Carbon Electricity System: Technologies, Economics, and Policy*, pp.462-497, Cambridge University Press: Cambridge.

26. Jamasb, T., Pollitt, M.G., and Nuttall, W. (2006). **New Electricity Technologies for a Sustainable Future**, in Jamasb, T., Nuttall, W., and Pollitt, M.G., Eds., *Future Technologies for a Sustainable Electricity System*, pp.1-23, Cambridge University Press: Cambridge.

Journal Articles

27. Sedai, A.K., Nepal, R., and Jamasb, T. (2022). **Electrification and Socio-Economic Empowerment of Women in India**, *The Energy Journal*, Volume 43, No. 2, 217-240. (forthcoming)
28. Tobiasson, W., Llorca, M., Jamasb, T. (2021). **Performance Effects of Network Structure and Ownership: The Norwegian Electricity Distribution Sector**, *Energies*, Volume 14, Issue 71, November, 7160.
29. Rodríguez-Álvarez, A., Llorca, M., and Jamasb, T. (2021). **Alleviating Energy Poverty in Europe: Front-Runners and Laggards**, *Energy Economics*. (forthcoming)
30. Amin, S., Jamasb, T., Llorca, M., Marsiliani, L., and Renström, T. (2021). **Combining Private and Public Resources: Captive Power Plants and Electricity Sector Development in Bangladesh**, *Emerging Markets Finance and Trade*, Volume 57, Issue 14, 3891-3912. <https://doi.org/10.1080/1540496X.2019.1703107>.
31. Nepal, R., Musiba, H.O., and Jamasb, T. (2021). **Energy Consumption as Indicator of Energy Efficiency and Emissions in the EU – A GMM Based Quantile Regression Approach**, *Energy Policy*, Volume 158, November, 112572.
32. Sedai, A.K., Jamasb, T., Nepal, R., and Miller, R. (2021). **Electrification and Welfare for the Marginalized: Evidence from India**, *Energy Economics*, Volume 102, October, 105473.
33. Sakib, A., Jamasb, T., Llorca, M., Marsiliani, L., Renström, T., and Sarkar, A. (2021). **Captive Power, Market Access, and Macroeconomic Performance: Reforming the Bangladesh Electricity Sector**, *Energy Economics*, Volume 102, October, 105468.
34. Schittekatte, T., Pototschnig, A., Meeus, L., Jamasb, T., and Llorca, M. (2021). **Making the TEN-E Regulation Compatible with the Green Deal: Eligibility, Selection, and Cost Allocation for PCIs**, *Energy Policy*, Volume 156, September, 112426.
35. Schittekatte, T., Meeus, L., Jamasb, T., and Llorca, M. (2021). **Regulatory Experimentation in Energy: Three Pioneer Countries and Lessons for the Green Transition Energy Policy**, *Energy Policy*, Volume 156, September, 112382.
36. Renaldi, R., Hall, R., Jamasb, T., and Roskilly, A.P. (2021). **Experience Rates of Low-Carbon Domestic Heating Technologies in the United Kingdom**, *Energy Policy*, Volume 156, September, 112387.

37. Madathil, D., Pandi V, R., Nair, M.G., Jamasb, T., and Thakur, T. (2021). **Consumer-Focused Solar-Grid Net Zero Energy Buildings: A Multi-Objective Weighted Sum Optimization and Application for India**, *Sustainable Production and Consumption*, Volume 27, July, 2101-2111.
38. Madathil, D., Pandi V, R., Nair, M.G., Jamasb, T., and Thakur, T. (2021). **Net Zero Energy in a Residential Building Using Heuristic Optimization Solution**, *Journal of Control, Automation and Electrical Systems*, Volume 32, 458-471.
39. Jamasb, T. (2021). **Incentive Regulation of Electricity and Gas Networks in the UK: From RIIO-1 to RIIO-2**, *Economics of Energy and Environmental Policy*, Volume 10, No. 2, 1-16.
40. Jamasb, T., Llorca, M., Khetrapal, P., and Thakur, T. (2021). **Institutions and Performance of Regulated Firms: Evidence from Electricity Distribution in India**, *Economic Analysis and Policy*, Volume 70, June, 68-82.
41. Soroush, G., Cambini, C., Jamasb, T., and Llorca, M. (2021). **Network Utilities Performance and Institutional Quality: Evidence from the Italian Electricity Sector**, *Energy Economics*, Volume 92, April, 105177.
42. Amin, S., Jamasb, T., and Nepal, R. (2021). **Regulatory Reform and the Relative Efficacy of Government versus Private Investment on Energy Consumption in South Asia**, *Economic Analysis and Policy*, Volume 69, March, 421-433.
43. Sedai, A.K., Nepal, R., Jamasb, T. (2021). **Flickering Lifelines: Electrification and Household Welfare in India**, *Energy Economics*, Volume 94, February, 104975.
44. Do, H., Nepal, R., and Jamasb, T. (2021). **Electricity Market Integration, Decarbonisation and Security of Supply: Dynamic Volatility Connectedness in the Irish and Great Britain Markets**, *Energy Economics*, Volume 92, October, 104947.
45. Nepal, R., Irsyad, M.I., and Jamasb, T. (2021). **Sectoral Electricity Demand and Direct Rebound Effect in New Zealand**, *The Energy Journal*, Volume 42, No. 4, 153-173.
46. Baumli, K. and Jamasb, T. (2020). **Assessing Private Investment in African Renewable Energy Infrastructure: A Multi-Criteria Decision Analysis Approach**, *Sustainability*, Volume 12, 9425.
47. Lüth, A. and Jamasb, T. (2020). **Crowd Balancing: A Model for Future Grids**, *Oxford Energy Forum*, Issue 124 (September), 31-34.
48. Cambini, C., Congiu, R., Jamasb, T., Llorca, M., and Soroush, G. (2020). **Energy Systems Integration: Implications for Public Policy**, *Energy Policy*, Volume 143, August, 111609.
49. Llorca, M., Rodríguez-Álvarez, A., Jamasb, T. (2020). **Objective vs. Subjective Fuel Poverty and Self-Assessed Health**, *Energy Economics*, Volume 87, March, 104736.

50. Brzeszczyński, J., Ghimire, B., Jamasb, T., and McIntosh, G. (2019). **Socially Responsible Investment and Market Performance: The Case of Energy and Resource Companies**, *The Energy Journal*, Volume 4, No. 5, 17-72.
51. Jamasb, T. and Llorca, M. (2019). **Energy Systems Integration: Economics and Regulation of a New Paradigm**, Special Issue: Facing the Energy Transition: Policy, Regulation and Market Design, *Economics of Energy & Environmental Policy*, Volume 8, Number 2, 7-28.
52. Rodríguez-Álvarez, A., Orea L., and Jamasb T. (2019). **Fuel Poverty and Well-Being: A Consumer Theory and Stochastic Frontier Approach**, *Energy Policy*, Volume 131, August, 22-32.
53. Mahmud I. Imam, M.I., Jamasb, T., and Llorca, M. (2019). **Sector Reforms and Institutional Corruption: Evidence from Electricity Industry in Sub-Saharan Africa**, *Energy Policy*, Volume 129, June, 532-545.
54. Sen, A., Nepal, R., and Jamasb, T. (2018). **Have Model, Will Reform: Assessing Electricity Reforms in Non-OECD Asian Economies**, *The Energy Journal*, Volume, 39, Issue 4, 181-209.
55. Singh, A., Jamasb, T., Nepal, R., and Toman, M. (2018). **Electricity Cooperation in South Asia: Barriers to Cross-Border Trade**, *Energy Policy*, Volume 120, September, 741-748.
56. Orea, L., Álvarez, I.C., and Jamasb, T. (2018). **Using Spatial Econometrics to Mitigate Omitted Variables in Stochastic Frontier Models: An Application to Norwegian Electricity Distribution Networks**, *The Energy Journal*, Volume 39, Issue 3, 93-116.
57. Costa-Campi, M.T., Jamasb, T., and Trujillo-Baute, E. (2018). **Economic Analysis of Recent Energy Challenges: Technologies, Markets, and Policies**, Editorial, Special Issue, *Energy Policy*. Volume 118, July, 584-587.
58. Nepal, R., Sen, A., and Jamasb, T. (2018). **Small Systems, Big Targets: Power Sector Reforms and Renewable Energy in Small Systems**, *Energy Policy*, Volume 116, May, 119-129.
59. Jamasb, T., Thakur, T., and Bag, B. (2018). **Smart Electricity Distribution Networks, Business Models, and Application for Developing Countries**, *Energy Policy*., Volume 114, March, 22-29.
60. Jamasb, T. (2017). **Energy Storage: Friend or Foe of the Networks?**, Invited contribution, *Nature Energy*, Volume 2, Issue 6, 5 June.
61. Llorca, M. and Jamasb, T. (2017). **Energy Efficiency and Rebound Effect in European Road Freight Transport**, *Transportation Research Part A: Policy and Practice*, Volume 101, July, 98-110.

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62. Nepal, R., Jamasb, T., and Tisdell, C.A. (2017). **On Environmental Impacts of Market-Based Reforms: Evidence from the European and Central Asian Transition Economies**, *Renewable and Sustainable Energy Reviews*, Volume 73, June, 44-52.
 63. Jobling, A. and Jamasb, T. (2017). **Price Volatility and Demand for Oil: A Comparative Analysis of Developed and Developing Countries**, *Economic Analysis and Policy*, Volume 53, March, 96-113.
 64. Orea, L. and Jamasb, T. (2017). **Regulating Heterogeneous Utilities: A New Latent Class Approach with Application to the Norwegian Electricity Distribution Networks**, *The Energy Journal*, Volume 38, Issue 4, 101-127.
 65. Jamasb, T., Nepal, R., and Timilsina, G. (2017). **A Quarter Century Effort Yet to Come of Age: A Survey of Power Sector Reforms in Developing Countries**, *The Energy Journal*, Volume 38, Issue 3, 195-234.
 66. Poudineh, R. and Jamasb, T. (2017). **Electricity Supply Interruptions: Sectoral Interdependencies and the Cost of Energy Not Served for the Scottish Economy**, *The Energy Journal*, Volume 38, Issue 1, 51-76.
 67. Tobiasson, W., Beestermöller, C., and Jamasb, T. (2016). **Public Engagement in Electricity Network Development: The Case of the Beaulay–Denny Project in Scotland**, *Economia e Politica Industriale (Journal of Industrial and Business Economics)*, Volume 43, Issue 2, July, 105-126.
 68. Tobiasson, W. and Jamasb, T. (2016). **The Solution that Might Have Been: Resolving Social Conflict in Deliberations about Future Electricity Grid Development**, *Energy Research and Social Science*, Volume 17, July, 94-101.
 69. Carvalho, A., Nepal, R., and Jamasb, T. (2016). **Economic Reforms and Human Development: Evidence from Transition Economies**, *Applied Economics*, Volume 48, March, No. 14, 1330-1347.
 70. Nepal, R. and Jamasb, T. (2016). **Market Integration with Energy-Only Markets and Renewables: The Australian Experience**, Invited Paper, *Oxford Energy Forum*, Issue 104, February, 14-16, Oxford Institute for Energy Studies.
 71. Poudineh, R. and Jamasb, T. (2016). **Determinants of Investment under Incentive Regulation: The Case of the Norwegian Electricity Distribution Networks**, *Energy Economics*, Volume 53, January, 193-202.
 72. Nepal, R. and Jamasb, T. (2015). **Incentive Regulation and Utility Benchmarking for Electricity Network Security**, *Economic Analysis and Policy*, Volume 48, December, 117-127.

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73. Orea, L., Growitsch, and Jamasb, T. (2015). **Using Supervised Environmental Composites in Production and Efficiency Analyses: An Application to Norwegian Electricity Networks**, *Competition and Regulation in Network Industries*, Volume 16, No. 3, 256-283.
 74. Poudineh, R. and Jamasb, T. (2015). **A New Perspective: Investment and Efficiency under Incentive Regulation**, *The Energy Journal*, Volume 36, Issue 4, October, 241-263.
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Other - Papers, Articles, Reports, and Contributions

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PUBLICATIONS RANKINGS

Research Papers in Economics (RePec):

- Among the top [5% authors](#) in the past 10 years
- Among the top [3% authors](#) in Energy Economics
- Among the top [5% authors](#) in Regulation

- [EconPapers](#)
- [Google Scholar](#).

REFEREE AND PEER REVIEWER

- *Applied Energy*
- *Australian Economic History Review*
- *Bulletin of Economic Research*
- *Cambridge Working Papers in Economics, Faculty of Economics, University of Cambridge*
- *Data Envelopment Analysis*
- *Ecological Economics*
- *Economic Issues*
- *Economic Modelling*
- *Energy and Climate Change*
- *Energy Economics*
- *Energy and Environment*
- *Energy Policy*
- *Energy Research and Social Sciences*
- *Energy Strategy Reviews*
- *Energy for Sustainable Development*
- *Environmental and Resource Economics*
- *European Journal of Operational Research*
- *European Management Journal*
- *European Review of Energy Markets*
- *Fusion Engineering and Design*
- *IEEE Transactions on Power Systems*
- *Economia e Politica Industriale - Journal of Industrial and Business Economics*
- *Industry and Innovation*
- *Joule*
- *Journal of Chinese Economic and Business Studies*
- *Journal of Corporate Accounting and Finance*
- *Journal of Productivity Analysis*
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- *International Journal of Global Energy Issues*
- *Institution of Civil Engineers – Energy*
- *Swiss National Science Foundation (SNF)*
- *Nature Energy*
- *Omega*
- *Operations Research Perspectives*
- *Proceedings of the Institution of Civil Engineers (ICE) journal Energy*
- *Power Systems Computation Conference, PSCC 2016*
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- *Research Paper Series, Cambridge Judge Business School, University of Cambridge*
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- *UK Engineering and Physical Sciences Research Council (EPSRC)*
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- *World Energy Outlook, International Energy Agency (IEA)*

CONFERENCE, WORKSHOP, AND SEMINAR PRESENTATIONS

- “Diversifier or More? Hedge and Safe Haven Properties of Green Bonds During COVID-19, IX International Academic Symposium”, Barcelona Institute of Economics (IEB), University of Barcelona Energy Transition and Opportunities for Global Economic Recovery, 2 February 2021, Barcelona (online).
- "Captive Power, Market Access, and Welfare Effects in the Bangladesh Electricity Sector", ADBI Virtual Workshop on Electricity Markets in Transition: Privatization, Competition, and Regional Cooperation, 4 November 2020, Tokyo (online).
- “Output-Based Network Regulation – RIIO in Transition”, Executive Master Class Distribution, Vlerick Business School, 21 September 2020, Brussels (online),
- “Rebalancing Subsidies in Market-Based Energy Sectors with Renewables: Synergies and Obstacles”, ADBI Virtual Workshop on Integration of Renewable Energy in Energy Systems: Perspectives on Investment, Technology, and Policy, 10 July 2020, Tokyo (online).
- Presentation on “Selection Procedure and Criteria for Projects of Common Interest (PCIs)”, DE ENER Stakeholder Webinar on Revision of the TEN-E Guidelines, 4 June 2020, Brussels (online).
- “Grid Development and Public Acceptance: An Economist’s View”, Conference - Network Development in Research Focus, The Federal Network Agency (Bundesnetzagentur), 11 October 2019, Bonn.
- “Energy Systems Integration: Economics of a Network of Networks”, Karlsruhe Institute of Technology, 10 October 2019, Karlsruhe.
- “Energy Systems Integration: Economics of a Network of Networks”, Institute of Electrical Engineering, Chinese Academy of Science, 16 July 2019, Beijing.

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- “Energy Systems Integration: Economics of a Network of Networks”, Beijing Institute of Technology, CEEP-BIT, 9 July 2019, Beijing.
- “Network Utilities of Future: Economics and Business Models”, CER Symposium on Regulatory Framework for the Emerging Power Sector: European and Indian Perspectives, Indian Institute of Technology Kanpur, 19 May 2019.
- “Benchmarking Electricity Distribution Networks”, CER Symposium on Regulatory Framework for the Emerging Power Sector: European and Indian Perspectives, Indian Institute of Technology Kanpur, 19 May 2019.
- “Electricity Sector Reform: What Have We Learned?”, CER Symposium on Regulatory Framework for the Emerging Power Sector: European and Indian Perspectives, Indian Institute of Technology Kanpur, 18 May 2019.
- “Regulation and Competition in the UK Retail Electricity Market” CER Symposium on Regulatory Framework for the Emerging Power Sector: European and Indian Perspectives, Indian Institute of Technology Kanpur, 18 May 2019.
- “Evolution of DNO Regulation in UK: Journey from Cost Plus to RPI-X and Now RIIO”, CER Symposium on Regulatory Framework for the Emerging Power Sector: European and Indian Perspectives, Indian Institute of Technology Kanpur, 18 May 2019.
- “Network Utilities of Future: Economics and Business Models”, Indian Institute of Technology Kanpur, Departmental Seminar, 17 May 2019.
- “Energy Systems Integration: Economics of a Network of Networks”, Indian Institute of Technology Kanpur, Institute Lecture, 16 May 2019.
- Keynote presentation, “Economics of Energy System Integration”, Energy Infrastructure Workshop, Copenhagen School of Energy Infrastructure (CSEI), Copenhagen Business School, 15 March 2019, Copenhagen.
- Keynote presentation, PLANET – Planning and Operational Tools for Optimising Energy Flows and Synergies, H2020 Project Workshop, March 14, Brussels.
- Utility Week Congress 2018, Panel Speaker, October 9-10, Birmingham.
- “Sectoral Performance and Institutions: Electricity Distribution in the Indian States”, International Association for Energy Economists (IAEE) 15th. European Conference, 4-7 September 2017, Vienna.

- “Future Network Utilities: Economics and Business Models”, Tsinghua University, Institute of Electrical Engineering, Beijing, 28 August 2017.
- “Future Network Utilities: Economics and Business Models”, Institute of Electrical Engineering (EEI), Chinese Academy of Science, Beijing, 15 August 2017.
- “Future Network Utilities: Economics and Business Models”, China Electric Power Research Institute (CEPRI), State Grid, Beijing, 11 August 2017.
- “Sectoral Performance and Institutions: Electricity Distribution in Indian States”, IV European Workshop on Efficiency and Productivity Analysis (EWEPA), London, 13 June 2017.
- “Electricity Sector Reform Performance: Evidence from Non-OECD Asia”, Barcelona Institute of Economics (IEB), University of Barcelona, 18 May 2017.
- “Smart Electricity Distribution Networks and Business Models for Developing Countries”, Keynote Speaker, V International Academic Symposium: Challenges for the Energy Sector, 7 February 2017, Barcelona.
- “Renewable Energy in Heavily Subsidised Developing Economies”, Invited panel speaker to session in 1st. International Association of Energy Economists (IAEE) Energy Symposium 2016, December, Milan.
- “Reforming Electricity Reforms: Empirical Evidence from Non-OECD Asian Economies, 9th. International Workshop on Empirical Methods in Energy Economics (EMEE 2016), 7-8 July 2015, Oviedo.
- “Future Utility Business Models: An Economic Perspective”, Pre-Conference Workshop, International Association for Energy Economists (IAEE) Annual Conference, 17-20 June 2016, Bergen.
- “Future Utility Business Models: An Economic Perspective”, Invited Plenary Speaker, Australian Competition and Consumer Commission/Australian Energy Regulator ACCC/AER Regulatory Conference 2015, 7 August, Brisbane.
- “Benchmarking Electricity Distribution Networks”, Invited Speaker, Australian Competition and Consumer Commission/Australian Energy Regulator ACCC/AER Regulatory Conference 2015, 6 August, Brisbane.
- Energy Sector Liberalisation: Pricing and Subsidy Reform and the Poor, 38th. International Association for Energy Economics (IAEE) International Conference, 27 May 2015, Antalya, Turkey.

- Invited panel presentation on “Energy Sector Reform: What Have We Learned?”, Seminar on Environmental and Sustainability Challenges of the Mexican Energy Reform, Centro Mario Molino, 11 September 2014, Mexico City.
- Jamasb, T., “Do Major Brands Have Market Power in the German Retail Gas Market?,” by Kihm, A., Ritter, N., and Vance, C.,” invited discussant, 7th. International Workshop on “Empirical Methods in Energy Economics (EMEE)”. 14-15 August, 2014, Aachen.
- Presentation on “Decision Making for Energy Infrastructure Development”, Corporate Forum, Durham University Business School, 22 May 2014, London.
- Presentation on “*Economic Regulation for Network Security*”, Securing the European Electricity Supply Against Malicious and accidental thrEats (SESAME) Research project workshop, 25 March 2014, Brussels.
- Economic Regulation for Network Security, Workshop on “Electricity Network Security and Economic Regulation”, 25 March 2014, Brussels.
- Discussant, 5th. International Workshop on Empirical Methods in Energy Economics (EMEE), 7-8 June 2012, Berlin.
- Seminar presentation on “Regulation and Competition in Retail Electricity Market”, Department of Economics, University of Oviedo, 18 May 2012.
- Book launch presentation and panel discussion of “*Future of Electricity Demand: Customers, Citizens and Loads*”, Department of Energy and Climate Change (DECC), 18 January 2012, London.
- Invited conference presentation “Regulation and Competition in the UK Retail Electricity Market”, in Jornada de Comercialización de Energía Eléctrica, 28-27 July, 2011, Bogota.
- Inaugural lecture, Energy Policy for an Uncertain Future, Heriot-Watt University, 10 May 2011, Edinburgh.
- Seminar on energy policy, Energiewirtschaftliches Institut an der Universität zu Köln (EWI), 3 May 2011, Cologne.
- Session moderator, EURELECTRIC Policy Workshop: Finance, Regulation, Smart Metering, 26 November 2009, Brussels.
- Presentation on “Regulation by Norm Models: The Case of Sweden”, SIRE Environment and Energy Economics Workshop, Heriot Watt University, 4 December 2009, Edinburgh.
- 10th. European Conference of the International Association of Energy Economists, 7-10 September 2009, Vienna.

- Seminar on Electricity Distribution Network Regulation, Graduate School of Business Administration (ESAN), 13 July 2009, Lima.
- 11th. European Workshop on Efficiency and Productivity Analysis (EWEPA) XI, 23-26 June 2009, Pisa.
- Workshop on “Regulation, Investments and Quality of Energy Networks”, The Netherlands Competition Authority NMa, 25-26 May 2009, The Hague.
- Presentation on “Regulation by Norm Model: The Case of Electricity Distribution Networks in Sweden”, The Economic and Social Research Institute (ESRI), 30 March 2009, Dublin.
- “Efficiency Effects of Integrating Quality of Service in Incentive Regulation: Experience from Norwegian Electricity Distribution”, 10th. European Workshop on Efficiency and Productivity Analysis (EWEPA X), 26-30 June 2007, Lille.
- “US Gas Transmission Systems: A Benchmarking & Regulatory Analysis”, 9th. International Association of Energy Economics (IAEE) European Conference, 10-13 June 2007, Florence.
- Masters’ Course for the European energy regulatory agency staff, European Energy Institute, Invited presentation on incentive regulation and distribution network utility benchmarking, 6 June 2007, Paris.
- Reform *Works* – the SECO reform conference of the Swiss State Secretariat for Economic Affairs, invited presentation on experience with electricity networks in Britain, 19 February 2007, Bern.
- Workshop on benchmarking European gas transmission system operators for European energy regulatory agencies and gas industry representatives, Council of European Energy Regulators (CEER), invited presentation, 19 January 2007, Brussels.
- Workshop on Future of Incentive-Based Regulation in the Energy Sector, European University Institute, Florence School of Regulation, 24 November 2006, Florence.
- International Association for Energy Economics (IAEE) International Conference, 7-10 June 2006, Potsdam.
- Seminar on Incentive Regulation by Reference Models, The Swedish Energy Agency, 2 June 2006, Eskilstuna.
- 9th. European Workshop on Efficiency and Productivity Analysis (EWEPA IX), 29 June –1 July 2005, Brussels.

- Workshop on Quality Regulation in Electricity, European University Institute, Florence School of Regulation, 15 April 2005, Florence.
- AES Integrated Utilities Regulatory Working Group, 2-3 December 2004, Miami.
- Electricity Distribution Regulation under Restructuring, Electric Energy Systems, University Enterprise Training Partnership, June 10-11, 2004, Madrid.
- “The Innovation Dimension of Infrastructure Reform: The Case of Electricity Sector”, International Energy Workshop 2004, 22-24 June 2004, Paris.
- International Association for Energy Economics (IAEE) International Conference, Prague, invited presentation at parallel session, Czech Republic, 5-7 June 2003.
- 8th European Workshop on Efficiency and Productivity Analysis (8EWEPA), Oviedo, 24-27 September 2003.
- Easter Workshop on Efficiency and Productivity Analysis, University of Leicester Management Centre, Leicester, UK, 27 April 2002.
- 7th European Workshop on Efficiency and Productivity Analysis (7EWEPA), Oviedo, 25-29 September 2001.

PHD SUPERVISIONS

- Ida Damsgaard, “Essays on Electricity Demand Economics”, Department of Economics, Copenhagen Business School.
- Alexandra Luth, “Energy System Infrastructure and Integration”, Copenhagen Business School, 2019 - .
- Chenyan Lyu, “Energy and Sustainable Development in China”, Copenhagen Business School, 2019 - .
- Adwoa Asantewaa, “Electricity Sector Liberalisation in Europe” (provisional title). Ph.D. Candidate, 2015 - Present.
- Mahmud Ibrahim Imam, “Essays on Energy Sector Reforms in Africa” (provisional title). Ph.D. Candidate, 2015 - 2019.
- Wenche Tobiasson, “Sustainable Electricity Grid Development”, Durham University Business School, Ph.D. Candidate, 2012 - 2019.

- Rahmat Poudineh, PhD Candidate, 2011-2014, “Electricity Distribution Networks Post-Liberalisation: Essays on Economic Regulation, Investment, Efficiency, and Business Model”, Durham University Business School.
- Rabindra Nepal, Ph.D. Candidate, 2010–2013. “Reform and Liberalisation of Electricity Sector”. Department of Accounting, Economics, and Finance, Heriot Watt University.
- António Maria Aniceto de Carvalho (Department of Accounting, Economics, and Finance, Heriot-Watt University, Ph.D. Candidate), 2012–2013.
- Yuen Ping (William) Yu (Second Supervisor, Ph.D. degree awarded 2010), “Quality of Service: Benchmarking Electricity Distribution and Transmission Utilities”, Judge Business School, University of Cambridge.
- Anupama Sen (Second Supervisor, Department of Land Economy, University of Cambridge, PhD degree awarded 2009), “The Impact of Deregulation and Reform of the Electricity Sector on Regional Economic Development in India”.

PHD EXAMINATIONS

- Chair, Examination Committee - Anita Eskesen, Ph.D. Thesis, “Essays on Utility Regulation. Evaluating Negotiation-Based Approaches in the Context of Danish Utility Regulation”, Department of Economics, Copenhagen Business School.
- Member, Habilitationskommission - Dr. rer. pol. Dogan Keles - “Analysis and Design of Electricity Markets”, Fakultät für, Wirtschaftswissenschaften, Karlsruher Instituts für Technologie (KIT), 2020.
- External Thesis Evaluator - Daniel Davi-Arderius, Ph.D. in Economics – “Economic Regulation and Efficiency of Electricity Systems”, UB Barcelona, School of Economics – UB Economics (IEB-Funseam), October 2020.
- Member, Assessment Committee – Daan Hulshof, Ph.D. Thesis, “Imperfect Information and Incentives for Renewable Energy”, University of Groningen, 2020.
- External Examiner – Bowei Guo, Ph.D. Thesis, “Essays in British Energy Market Reform”. Faculty of Economics, University of Cambridge, May 2020.
- Internal Examiner – Xiaoxiao Ma, Ph.D. Thesis, “The Economics of Vehicle Driving: A General Equilibrium Analysis in a Dynamic Two-Period Vintage Model”, Durham University Business School, September 2019.
- External Opponent - Livingstone Senyonga, Ph.D. Thesis, Norwegian University of Life Sciences (NMBU), School of Economics and Business, “Regulation of Electricity Distribution Utilities: Empirical and Theoretical Aspects of Incentive Regulation.”, Ås, August 2019.

- International Examiner – Sapan Thapar, Ph.D. Thesis, “Policy Analysis and Growth Determinants of Solar and Wind Power Sectors in India”, Department of Management Studies, Indian Institute of Technology Delhi, November 2018.
- International Examiner - Mercedes Vallés Rodríguez, Ph.D. Thesis, “Efficient Implementation and Potential Benefits of Demand Response in Electricity Distribution Networks”, Universidad Pontificia Comillas de Madrid Escuela Técnica Superior de Ingeniería (ICAI), Instituto de Investigación Tecnológica (IIT), Madrid, July 2017.
- External Examiner – Alrick K. Campbell, Ph.D. Thesis, “Oil and Electricity in Small Island Developing Countries: Unmasking the Risks and Opportunities.”, The Crawford School of Public Policy, ANU College of Asia and the Pacific, Australian National University, December, 2016.
- External Examiner – Ha Junsheng, Ph.D. Thesis, “Energy Consumption-Economic Growth Nexus: An Empirical Study of China”, Faculty of Economics and Administration, University of Malaya, October 2016.
- External Examiner - Elcin Ackura, Ph.D. Thesis in Economics, “Evaluating Alternative Methods for Preference Elicitation with Application to Electricity and Water Sectors”, Faculty of Economics, University of Cambridge, March 2016.
- External Examiner - Emily Prestwood, Ph.D. Thesis, “Energy Use and Related Emissions in the UK Residential Sector: Quantitative Modelling and Policy Implications”, School of Civil and Building Engineering, Loughborough University, UK, December 2015.
- Internal Examiner - Sakib B. Amin, Ph.D. Thesis in Economics, “Macroeconomics of Energy Price Shocks and Electricity Market Reforms: The Case of Bangladesh”, Department of Economics and Finance, Durham University Business School, Durham University, UK, July 2015.
- External Discussant / Opponent - Åsa Lindman, Ph.D. Thesis in Economics, “Essays on Renewable Energy Technology Development and Voluntary Carbon Offsets”, Economics Unit, Department of Business Administration, Luleå University of Technology, Sweden, April 2015.
- Chair of Ph.D. Thesis Evaluation Committee - Manuel Llorca Riego, Ph.D. Thesis in Economics, “Essays in Supply and Demand in Energy Economics: A Frontier Analysis Approach”, Department of Economics, School of Economics and Business, University of Oviedo, Oviedo, Spain, January 2015.
- External Examiner - Marcus Stronzik, Ph.D. Thesis in Economics, “The European Natural Gas Sector: Between Regulation and Competition”, School of Humanities and Social Sciences, Jacob University, Bremen, Germany, July 2012.

TEACHING AND SUPERVISION

- Energy Economics, Markets, and Policy
- Advanced Topics in Energy and Environment
- Energy and Natural Resource Economics
- Environmental Economics
- Advanced Economic Policy
- Contemporary Economic Policy and Institutions
- Environmental and Energy Economics, M.Sc. in Carbon Management, School of Built Environment and M.Sc. in Renewable Energy, School of Engineering and Physical Science, Heriot-Watt University
- Supervision - M.Sc. in Economics and Finance dissertations
- Supervision - Undergraduate dissertations

LANGUAGES

- English (fluent), Norwegian (fluent)
- Persian (fluent)
- Swedish (read and understand), Danish (read and understand)