

**Fernando
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**Professor,
Department
Operation
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Contact

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Education

Ph.D in Decision Sciences, London Business School
Msc. in Artificial Intelligence and Computing, University of Porto, Portugal
Licenciatura in Economics, University of Porto, Portugal

Research Areas

Areas

Energy markets
Real Options
Revenue Management
Risk Analysis
Sustainable operations management

Sectors

Electricity - Oil - Telecommunications

Publications

✉ Academic Publications

Articles

"A Social Welfare Analysis of the Iberian Electricity Market Accounting for Carbon Emission Prices" (A. Moreira, F. Oliveira , J. Pereira), *IET Generation, Transmission & Distribution*

"Developing a Market-Based Approach to Managing the US Strategic Petroleum Reserve" (F. Murphy, F. Oliveira ,), *European Journal of Operational Research*

"Limitations of Learning in Automata-Based Systems" (F. Oliveira), *European Journal of Operational Research*

"Modeling Emotions and Reason in Agent-Based Systems" (F. Oliveira), *Computational Economics*, Jan 2010, Vol. 35, p. 155-164

"Analysing industry profitability. A "complexity as cause" perspective" (A. Caldart, F. Oliveira), *European Management Journal*, May 2009

"Bottom-up Design of Strategic Options as Finite Automata" (F. Oliveira), *Computational Management Science*, Dec 2008

"Modeling the Impact of Market Interventions on the Strategic Evolution of Electricity Markets" (F. Oliveira , D. Bunn), *Operations Research*, Oct 2008, Vol. 56, Issue 5, p. 1116-1130

"The Value of Information in Electricity Investment Games" (F. Oliveira), *Energy Policy*, Jul 2008, Vol. 36, p. 2364-2375

"A Constraint Logic Programming Algorithm for Modeling Dynamic Pricing" (F. Oliveira), *Inform's Journal on Computing*, Jan 2008, Issue 20 (1)

"Agent-Based Analysis of Technological Diversification and Specialisation in Electricity Markets" (F. Oliveira , D. W. Bunn), *European Journal of Operational Research*, Jan 2007, Issue 181 (3), p. 1265-1278

"Evaluating Individual Market Power in Electricity Markets via Agent-Based Simulation" (F. Oliveira , D. W. Bunn), *Annals of Operations Research*, Jul 2003, Issue 121 (1-4), p. 57-77

"Agent-Based Simulation: An Application to the New Electricity Trading Arrangements of England and Wales" (F. Oliveira , D. Bunn), *IEEE - Transactions on Evolutionary Computation*, Oct 2001

Book Chapters

Business to Business Online Revenue Management. In: *Service Chain Management-Technology Innovation for the Service Industry* (with R. Rana). : C. Vodouris, G. Owuso, R. Dorne and D. Lesaint (Ed.), 2007

Flexibility, Robustness and Real Options. In: *Supporting Strategy: Frameworks, Methods and Models* (with R. Dyson). Wiley, Chichester : Frances O' Brien and Robert Dyson (Ed.), 2007, p. 343-366

The Impact of Organisational Complexity in the Strategy Development Process. In: *Supporting Strategy: Frameworks, Methods and Models* (with A. Cadart). Wiley, Chichester : Frances O' Brien and Robert Dyson (Ed.), 2007, p. 191-210

▣ Other Teaching Activities

Assistant Professor, Operational Research and Management Sciences, Warwick Business School

Assistant Professor, Management Science Group, University of Porto

Teaching assistant, London Business School

Visiting Lecturer, City University Business School

Assistant Economics Group, University of Porto

Visiting Lecturer, Universidade Agostinho Neto, Luanda, Angola

Other Activities

▣ Awards and Distinctions

Prix Académique SYNTEC Conseil en Management 2010, in the category "Opérations, Gestion, Contrôle/Système d'information et Technologies"

▣ Affiliations and Academic Responsibilities

Center for Macroeconomic Studies and Forecasting, University of Porto

Energy Markets Group Researcher, London Business School

