



DUARTE TRIGUEIROS

Research Fellow at ISTAR-IUL Univ Institute of Lisbon
Visiting professor in Macau

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Academic Positions Held

Sep 2013 - **Visiting Professor**, Univ. of Saint Joseph / Univ. of Macau
Dec 2005 - Jun 2013 **Chair Professor of Business Studies**, University of Algarve
Sep 2001 - Sep 2005 **Associate Professor** University of Algarve
Feb 1996 - Aug 2001 **Invited Associate Professor** University of Macau
Oct 1986 - Jun 2012 **Lecturer, Assistant Professor, Visiting Professor** ISCTE Lisbon

Education

PhD 1989-1991: University of East Anglia, Accounting and Finance Department, School of Information Systems. "Neural Network Based Methods in the Extraction of Knowledge from Accounting and Financial Data", supervised by Professor Robert H. Berry.
Telecommunications engineering (6 years), Institute of High Technology Studies (IST, Lisbon), 1970. *Magna Cum Laude*.

Selected teaching

| | |
|--------------------------------|-----------------------------------|
| Accounting Principles | Decision Support Systems (MSc) |
| Intermediate Accounting | IS management concepts/appl. |
| Financial Statement Analysis | Data Analysis / Data Mining (MSc) |
| Management Accounting | Financial Modelling (MSc) |
| Accounting Information Systems | Corporate Finance (MBA) |

Duarte's teaching experience is detailed at <http://home.iscte-iul.pt/~dmt/publ/cl/>

Research Interests

Financial Analytics; Intelligent Systems; Fraud Detection; Bank Risk Analysis and Compliance; See <http://home.iscte-iul.pt/~dmt/> for details.

Selected publications

Trigueiros (2019), "Improving the effectiveness of predictors in accounting-based models," **J. Applied Accounting Research**, Vol. 20, No. 2, pp. 207-226.
Trigueiros & Sam (2018), "Discovering the optimal set of ratios to use in accounting-based models," **Int. J. Society Systems Science**, Vol.10, No.2, pp.110–131.
Vong & Trigueiros (2017), "Evidence on the effect of Claw-Back provisions on IPO share allocation under-pricing in Hong Kong," **Applied Economics**, 49:51, 5231-5244.
Trigueiros & Sam (2016), "A Software Application to Streamline and Enhance the Detection of Fraud in Published Financial Statements of Companies," **Int. J. Advances in Software**, Volume: 9, Number 1-2, pp. 95-106.
Trigueiros (2016), **Fraud Prevention and Detection: Methods, Technologies, Vendors**, MESA-IEEM Ed., ISBN 978-99965-689-0-9.
Guerreiro, Rita & Trigueiros (2015), "Attention, emotions and cause-related marketing effectiveness", **European Journal of Marketing**, Vol. 49, Iss 11/12, pp. 1728-1750.
Guerreiro, Rita & Trigueiros (2016), "A Text Mining-Based Review of Cause-Related Marketing Literature", **Journal of Business Ethics** (Springer), vol. 139, pp. 111-128.
Vong & Trigueiros (2014). "Reversal in the relative performance of state- and legal person-owned companies during the Chinese split share structure reform" **Applied Economics** (Routledge) Vol. 46 no. 15, pp. 1728-1750.

- Faria, Trigueiros & Ferreira (2012), "Costing and management control practices in the Algarve hotel sectors." **Tourism and Management Studies** Vol. 1 (8): pp. 253-261.
- Guerreiro & Trigueiros (2010), "A unified approach to the extraction of rules from artificial neural networks and support vector machines." **Lecture Notes in Computer Science**, L. Cao et al. ed. ADMA Part II, Beijing 6441: 34-42.
- Vong & Trigueiros (2010). "The short run price performance of initial public offerings in Hong Kong: new evidence" **Global Finance Journal** (Elsevier) Vol. 21, pp. 253-261
- Vong & Trigueiros (2009), "An empirical extension of Rock's IPO underpricing model to 3 distinct groups of investors." **Applied Financial Economics** V 19 pp. 1257-1269.
- McLeay & Trigueiros (2002). "Proportionate Growth and the Theoretical Foundations of Financial Ratios", **Abacus** (Blackwell), Vol. 38, No. 3, pp. 297-316
- Trigueiros (1997). "Non-Proportionality in Ratios: An Alternative Approach", **The British Accounting Review** (Academic Press) Vol. 29, No. 3, pp. 213-230
- Trigueiros & Taffler (1996). "Neural Networks and Empirical Research in Accounting", **Accounting and Business Research** (The Institute of Chartered Accountants in England and Wales), Vol. 26, No. 4, pp. 347-355
- Trigueiros (1996). "A Taxonomy of Risk in Large UK Industrial Firms", **Organisational Intelligence: AI in Organisational Design, Modelling and Control**, Blanning & King editors (IEEE Computer Society Press, Los Alamitos) pp. 115-124
- Trigueiros (1995). "Accounting Identities and the Distribution of Ratios", **The British Accounting Review** (Academic Press), Vol. 27, No. 2, pp. 109-126
- Berry, Ergodan & Trigueiros (1995). "Rule Induction for Financial Modelling and Model Interpretation", **Organisational Systems and Technology: Proceedings of the 28th Hawaii International Conference on System Sciences, HICSS**, Vol. 3, Nunamaker & Sprague editors (IEEE Computer Soc Press, Los Alamitos) pp. 177--186
- Berry & Trigueiros (1993). "The Application of Neural Networks to the Extraction of Knowledge from Accounting Reports: A Classification Study", **Neural Networks in Finance and Investing**, Trippi & Turban editors (Probus Publishing, Chicago) pp. 103-113. Published originally in **Organisational Systems and Technology: Proceedings of the 24th Hawaii International Conference on System Sciences, HICSS**, Nunamaker & Sprague editors (IEEE Computer Soc Press, Los Alamitos) pp. 136-146, 1991.

Duarte's publications are detailed at <http://home.iscte-iul.pt/~dmt/publ/>

Administrative Experience

- Dec 2005 – Aug 2009 **Director** of Business Studies, Fac. Economics, Univ. Algarve
- Aug 2000 – Aug 2001 **Convenor** BIS Group Faculty of Business Adm. U. Macau
- Nov 1991 – Aug 1994 **Convenor** BIS Group ISCTE (Lisbon)

Research Supervision

- PhD**: 6 successfully concluded PhD theses. **MSc or MPhil**: 49 successfully concluded.
- Duarte's detailed supervision is described at <http://home.iscte-iul.pt/~dmt/sup.htm>

Fellowships, Scholarships, Funded Projects, Awards

- Research Fellow**: ISTAR-IUL, University Institute of Lisbon, 2006 to the present;
- Visiting Research Fellow**: City University (London), 1993 - 1999
- FDCT Macau** project 044/2014/A1 "New Methodologies for Efficient Detection of Fraud in Financial Statements", 2015-2018; **Macau Foundation** 2016, 2015, 2014, 2001, 1999; **University College Dublin** 1996; **INQUIRE** 1995; **Portuguese-American Foundation** 1993; **AESE** and **ISCTE-IUL** 1989-1991
- Awards: **Best Paper** in IMMM 2016, Valencia, Spain; **Best Papers** in the 24th and 26th editions of HICSS, 1991 and 1993.

Non Academic Experience (1970-1986)

- 1977-1986: **Analyst**, "Fomento SCRL", Lisbon; EDP-DODN; other companies.
- 1970-1977: **Research staff**, Portuguese Nuclear Authority, Lisbon.

Date of birth: 1945.11.09; Citizenship: Portugal; Macau permanent resident