

## **Luis Filipe Monteiro Vieira de Castro**

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Education: Licenciatura, Civil Engineering, Technical University of Lisbon, 1984; M.B.A., Lisbon Catholic University, 1993; Ph.D. Anthropology, Texas A&M University, 2001.

Current Position: Frederick Mayer Associate Professor II of Nautical Archaeology, Texas A&M University, Nautical Archaeology Program.

Past Positions: Manager, Centro Nacional de Arqueologia Náutica e Subaquática, Ministry of Culture, Portugal (1995-1998); Department Director, Instituto do Trabalho Portuário, Ministry of the Sea, Portugal (1993-1995), Civil Engineer in several companies and positions (1984-1993).

Professional Service: Executive Board of Directors, Advisory Council on Underwater Archaeology (2005-present); Editorial Advisory Board, *Nautical Research Journal* (2006-present); Executive Board of Directors, International Committee for the History of Nautical Science (2008-present); Editorial Board, *Historical Archaeology* (2008-present); Comité de Rédaction, *Archaeonautica* (2010-present).

Research interests: Iberian seafaring, 15<sup>th</sup>-17<sup>th</sup> centuries' ships, history of shipbuilding.

Books: *Edge of Empire, Proceedings of the Symposium held at 2006 SHA Annual Meeting*, Lisbon: Caleidoscópio, 2008 (with Katie Custer), *The Pepper Wreck*, College Station: Texas A&M University Press, 2005; *A nau de Portugal*, Lisbon: Prefácio, 2003.

Selected publications (last 4 years): Castro, F., Fontanez, R., Garcia, G., Tubby, R., Lusardi, W., "The Nautical Archaeology of Puerto Rico" *International Journal of Nautical Archaeology* (2010) 39.1: 156-164. Vacas, T., Fonseca N., Santos, T., Castro, F., "The Nau from Lavanha's Manuscript", *Nautical Research Journal* (2010) 55.1: 25-36. Monroy, C., Furuta, R., and Castro F., "Ask Not What Your Text Can do For You. Ask What You Can do For Your Text (a Dictionary's perspective)" *Digital Humanities 2009*, College Park: University of Maryland, 2009; Wachsmann, S., Dunn, R. K, Hale, J. R., Hohlfelder, R. L., Conyers, L. B., Ernenwein, E. G., Sheets, P., Blot, M. L., Castro, F., and Davis, D., "The Paleo-Environmental Contexts of Three Possible Phoenician Anchorages in Portugal," *International Journal of Nautical Archaeology*, (2009) 38.2: 221-253; "Rigging the Pepper Wreck. Part II: Sails", *International Journal of Nautical Archaeology*, (2009) 38.1: 105-115; Castro, F., Fonseca, N., Vacas, N., and Ciciliot, F., "A Quantitative Look at Mediterranean Lateen- and Square-Rigged Ships (Part I)," *International Journal of Nautical Archaeology* (2008) 37.2: 347-359; "The Concept of Iberian Ship," *Historical Archaeology* (2008) 42.2: 63-87; Monroy, C., Furuta, R., and Castro, F., "A Multilingual Approach to Technical Manuscripts: 16th and 17th-century Portuguese Shipbuilding Treatises," *ACM/IEEE Joint Conference on Digital Libraries*, Vancouver, BC, Canada (2007) :413-414; Santos, T., Fonseca, N. and Castro, F. "Naval Architecture Applied to the Reconstruction of an Early XVII Century Portuguese Nau", in *Marine Technology*, (October 2007), 44.4 :254-267; Monroy, C., Furuta, R., and Castro F., "Ancient Technical Manuscripts: the Case of 17th-century Portuguese Shipbuilding Treatises." *Digital Humanities 2007 Conference*. University of Illinois, Urbana-Champaign, June 4-7, 2007; Monroy, C., Furuta, R., and Castro F., "Texts, Illustrations, and Physical Objects: The Case of Ancient Shipbuilding Treatises." *11<sup>th</sup> European Conference on Research and Advanced Technology for Digital Libraries ECDL*, Budapest, Hungary, 2007; "Rising and Narrowing: 16<sup>th</sup>-Century Geometric Algorithms used to Design the Bottom of Ships in Portugal", *International Journal of Nautical Archaeology*, (2007) 36.1: 148-154.