## Bruno Emanuel da Graça Martins

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## A. Professional Preparation

University of Lisbon Computer Sci. and Engineering M.Sc., 2004
University of Lisbon Computer Sci. and Engineering Ph.D., 2005-2009

# B. Appointments

Assistant Professor in the Computer Science and Engineering Department at IST, 2009 – present.

Researcher at the Information and Decision Support Systems (IDSS) Lab of INESC-ID, a laboratory associated to IST, 2008 – present.

#### C. Products

## **Five Significant Publications**

Updated list of publications available at <a href="https://www.informatik.uni-trier.de/~ley/pers/hd/m/Martins:Bruno">www.informatik.uni-trier.de/~ley/pers/hd/m/Martins:Bruno</a>

- [1] João Santos, Ivo Anastácio and Bruno Martins (2015) "Desambiguação de Entidades Mencionadas em Textos na Língua Portuguesa ou Espanhola," IEEE Latin America, IEEE. DOI=10.1109/TLA.2015.7069115
- [2] Catarina Moreira, Pável Calado and Bruno Martins (2015) "Learning to Rank Academic Experts in the DBLP Dataset," Expert Systems, Wiley. DOI=10.1111/exsy.12062
- [3] João Santos, Ivo Anastácio and Bruno Martins (2014) "Using Machine Learning Methods for Disambiguating Place References in Textual Documents," GeoJournal, Springer. DOI=10.1007/s10708-014-9553-y
- [4] Eduardo Cunha and Bruno Martins (2014) "Using One-Class Classifiers and Multiple Kernel Learning for Defining Imprecise Geographic Regions," International Journal of Geographical Information Science, Taylor & Francis. DOI=10.1080/13658816.2014.916040
- [5] Mário J. Silva, Bruno Martins, Marcirio Keys, Nuno Cardoso, Ana Paula Alfonso (2006) "*Adding Geographic Scopes to Web Resources*," Computers, Environment and Urban Systems, Volume 30, Number 4, DOI=10.1016/j.compenvurbsys.2005.08.003

### D. Synergistic Activities

#### **Interdisciplinary Research**

- Principal investigator in the nationally funded SInteliGIS project (TDC/EIA-EIA/109840/2009), which concerned with the development of intelligent Web services for processing geospatial information in non-traditional sources, such as textual documents.
- Principal investigator in the nationally funded KD-LBSN project (EXPL/EEI-ESS/0427/2013), which concerns with the development of knowledge discovery methods specific for data extracted from location-based social networks.

- Participating researcher in several other national and international research projects:
  - European project ECP-2005-CULT-038042 (DIGMAP).
  - European project CIP-ICT-PSP.2009.2.4 (EuDML).
  - FCT/CMU cooperation project CMUP-ERI/TIC/0046/2014 (GoLocal).
  - FCT/UT-Austin cooperation project UTAP-EXPL/EEI-ESS/0031/2014 (EXPRESS).
  - FCT/UT-Austin cooperation project UTA-Est/MAI/0006/2009 (REACTION).
  - Nationally funded projects POSI-SRI-47071-2002 (GREASE), POSI-SRI-47071-2002 (GREASE-II), PTDC/EEI-SCR/1743/2014 (SATURN) and EXCL/EEI-ESS/0257/2012 (DATASTORM).

## Community Activities, Article Reviewing, and Programme Committee Membership

- Co-organizer in the 4<sup>th</sup>, 5<sup>th</sup> and 6<sup>th</sup> editions of the Location and the Web (LocWeb) series of workshops, together with Dirk Ahlers and Erik Wilde, which were respectively co-located at CIKM'14, WWW'15 and WWW'16.
- Member of the local organization committee for EMNLP'15 (website chair).
- Member of the organization committee for the 2016 edition of the Lisbon Machine Learning Summer School (LxMLS'15).
- Program committee member in international conferences such as ECIR, JCDL/TPDL, OAIR, WISE, AGILE or ACM SAC, as well as in international series of workshops, such as the ACM Workshop on Geographic Information Retrieval (GIR).
- Reviewer for international journals such as Information Processing & Management, Information Systems, Artificial Intelligence, International Journal on Digital Libraries, Distributed and Parallel Databases, or Cognitive Computation.
- Project reviewer for the Swiss National Science Foundation.

### Teaching, Advising, and Mentoring

- Teaching several courses at IST/UL related to Databases and Data Management, Information Retrieval, and Information Extraction.
- Received teaching awards and nominations for teaching and advising.
- Advisor to more than 40 students in their M.Sc. theses. Published with more than ten of these undergraduate students.

#### E. Collaborators, Advisors, and Advisees

**Frequent Collaborators:** Pável Calado (IST), Ana Paula Afonso (FCUL), Helena Galhardas (IST), José Borbinha (IST).

Advisors: Mário J. Silva (Ph.D.).

**Ph.D.** Advisees: Ivo Anastácio (IST and INESC-ID), Tiago Gonçalves (FCUL and LASIGE, together with Ana Paula Afonso), Miguel Costa (IST).