

CV: Mário J. Silva

Born in Portugal, 1961.

Full Professor at IST (Department of Informatics Engineering) and Senior Resercher at INESC-ID, Lisbon, Portugal.

At INESC-ID, leads the Information and Decision Support Systems Lab and the DMIR – Data Management and Information Retrieval group.

Home page: <http://web.ist.utl.pt/mario.gaspar.silva/>

Research Interests:

Web Engineering and NLP: information retrieval and text mining, information integration (mainly biologic and geographic). Biomedical Informatics. Digital libraries: archiving and preserving the web.

Education:

PhD in Electrical Engineering and Computer Science, University of California, Berkeley, 1994.

MSc in Electrical and Computer Engineering, IST, TU Lisbon, 1987.

Licenciatura (5 years) in Electrical Engineering, IST, TU Lisbon, 1983

Academic Experience:

FT Researcher at INESC 1987-88

Lecturer/Assistant Professor at IST, TU Lisbon, 1988-96;

Teaching/Research Assistant UC Berkeley 1990-94;

Assistant Professor/Associate/Full Professor at Fac. Sciences, U Lisbon, 1996-2011; Since 2001 Full professor at IST.

Industry Experience:

Software Engineer, EID - Empresa de Investigação e Desenvolvimento, Portugal, 1985-1987;

Senior Software Engineer, EIT – Enterprise Integration Technologies, Menlo Park, USA;

Founder and Chair of Praxia – Sistemas de Informação: 1996-2007;

Pulications and Impact:

169 publications indexed by Google Scholar,
h-index = 24, i10-index = 47, Citations = 1800.

Teaching and Supervision Activities:

Supervised 6PhD students, 20 Master (pre-Bologna) and 3 Post-doc researchers.

Lectures graduate and undergraduate courses in the Information Systemas domain, including database design and implementation of database management systems and applications.

Key publications as senior author

MJ Silva, B Martins, M Chaves, AP Afonso, N Cardoso. Adding geographic scopes to web resources. *Computers, Environment and Urban Systems* 30 (4), 378-399. 2006

FM Couto, MJ Silva, PM Coutinho. Measuring semantic similarity between Gene Ontology terms *Data & knowledge engineering* 61 (1), 137-152. 2007

FM Couto, MJ Silva. Disjunctive Shared Information between Ontology Concepts: application to Gene Ontology. *Journal of Biomedical Semantics*, 2(5), 2011. doi 10.1186/2041-1480-2-5.

B Martins, MJ Silva. Language identification in web pages. *Proceedings of the 2005 ACM symposium on Applied computing*, 764-768. 2005

D Gomes, MJ Silva. Characterizing a national community web. *ACM Transactions on Internet Technology (TOIT)* 5 (3), 508-531. 2005

D Gomes, MJ Silva. The Viúva Negra crawler: an experience report. *Software: Practice and Experience (SPE)* 2(38), 161-168, February 2008. doi: 10.1002/spe.825.

Organization of International Conferences, Workshops, and Summer Schools:

General Chair for the conference ACM CIKM 2007 – Conference in Information and Knowledge Management.

Co-organized two Summer Schools (2006 and 2009) on aspects of the Computational Processing of Portuguese (*Escolas de Verão da Linguatca*), and an Iberian Workshop on Bioinformatics –JBI 2009 - Jornadas de Bioinformática

Member of the program committees of the following conferences in the past three years, among others:

- ACL-HLT 2010-2011-2013 - Association for Computational Linguistics
- ACM CIKM 2009-2010 - ACM Conference on Information and Knowledge Management
- ACM SIGIR 2010 - Annual ACM SIGIR Conference
- ACM WSDM 2010-2011 - ACM Conference on Web Search and Data Mining
- ECDL/TPDL 2009-2013 - European Conference in Digital Libraries
- ECIR 2009-2013 - European Conference on Information Retrieval
- ER-2009-2012 - International Conference on Conceptual Modeling
- WWW 2009-2010, 2013 – International World Wide Web Conference

Memberships

Member of ACM.

Member of the Editorial Board of the *Journal of Information and Data Management (JIDM)*, a magazine of the SBC (ISSN: 2178-7107)