

Nikolaos Aletras

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Current position

Research associate, Advanced Computing Research Centre, University of Sheffield, UK

Research Interests

Natural language processing • Computational lexical semantics • Topic models • Distributional Semantics • Social media analysis

Professional Experience

- 2014-pres. Research associate, Advanced Computing Research Centre, University of Sheffield, UK
- 2011-2013 Research assistant, University of Sheffield, UK
- 2008-2010 Teacher of Informatics, Greece

Education

- 2011-2014 PhD in Computer Science, University of Sheffield, UK
- 2010-2011 MSc in Advanced Computer Science, University of Sheffield, UK
- 2002-2007 BSc in Computer Science, University of Crete, Greece

Publications

JOURNAL PAPERS

- 2012a N. Aletras, M. Stevenson and P. Clough (2012). *Computing Similarity between Items in a Digital Library of Cultural Heritage*. In ACM JOCCH.

CONFERENCE PAPERS

- 2014a N. Aletras, T. Baldwin, J. H. Lau and M. Stevenson (2014). *Representing Topics Labels for Exploring Digital Libraries*. In Digital Libraries 2014 (JCDL/TPDL).
- 2014b N. Aletras and M. Stevenson (2014). *Labelling Topics using Unsupervised Graph-based Methods*. In ACL (short).

- 2014c V. Lampos, N. Aletras, D. Preoțiuc-Pietro and T. Cohn (2014). *Predicting and Characterising User Impact on Twitter*. In EACL.
- 2014d N. Aletras and M. Stevenson (2014). *Measuring the Similarity between Automatically Generated Topics*. In EACL (short).
- 2013a N. Aletras and M. Stevenson (2013). *Representing Topics Using Images*. In NAACL-HLT.
- 2013b N. Aletras and M. Stevenson (2013). *Evaluating Topic Coherence Using Distributional Semantics*. In IWCS.
- 2013c E. Agirre, N. Aletras, A. Gonzalez-Agirre, G. Rigau, M. Stevenson (2013). *UBC UOS-TYPED: Regression for typed-similarity*. In *SEM.
- 2013d E. Agirre, N. Aletras, P. Clough, S. Fernando, P. Goodale, M. Hall, A. Soroa, M. Stevenson (2013). *PATHS: A System for Accessing Cultural Heritage Collections*. In ACL (demo).
- 2012b M. Hall, E. Agirre, N. Aletras, R. Bergheim, K. Chandrinis, P. Clough, S. Fernando, K. Fernie, P. Goodale, J. Griffiths, O. Lopez de Lacalle, A. de Polo, A. Soroa and M. Stevenson (2012). *PATHS - Exploring Digital Cultural Heritage Spaces*. In TPD (demo).

WORKSHOP PAPERS

- 2012c N. Aletras and M. Stevenson (2012). *Computing similarity between cultural heritage items using multimodal features*. In LaTeCH.
- 2012d P. Goodale, P. Clough, N. Ford, M. Hall, M. Stevenson, S. Fernando, N. Aletras, K. Fernie, P. Archer and A. de Polo (2012). *User-Centred Design to Support Exploration and Path Creation in Cultural Heritage Collections*. In EuroHCIR2012.

Teaching

- 2014 *Lab demonstrator*, Automata, Logic and Computation
- 2013 *Lab demonstrator*, Automata, Logic and Computation
- 2012 *Lab demonstrator*, Advanced Java Programming

Grants, honors & awards

- 2014 ACL 2014 Travel Award
- 2013 Pump-Priming Vision & Language Research (V&L Net: The EPSRC Network on Vision and Language)
- 2012 Google grant covering the registration in the Lisbon Machine Learning School (LxMLS 2012)
- 2011-2014 Departmental Research Studentship, University of Sheffield
- 2011 The Inspec Solutions Ltd. Prize for the “Best Overall Performance” in MSc in Advanced Computer Science, University of Sheffield

Other Educational Activities

- 2012 Summer School: “Lisbon Machine Learning School 2012: Taming the Social Web”, Lisbon, Portugal
- 2012 Doctoral Entrepreneurship Conference: “Dare to take a step”, Sheffield, UK

Professional Services

- 2014 *Student Volunteer*, ACL 2014
- 2014 *Reviewer*, EMNLP
- 2013 *Reviewer*, EMNLP

Programming Skills

Java, Python, C, SQL, {HTML/XML}, \LaTeX

Languages

Greek (native), English (fluent), French (basic).

References

Available on request.