

Florian Boudin

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EMPLOYMENT HISTORY	Associate Professor Université de Nantes, France Assistant Professor Université d'Avignon et des Pays de Vaucluse, France Postdoctoral Fellow Université de Montréal, Canada Research Assistant Université d'Avignon et des Pays de Vaucluse, France	2011 to present 2010-2011 2009-2010 2006-2009
EDUCATION	Ph.D. in Computer Science Université d'Avignon et des Pays de Vaucluse, France Advisors: Juan-Manuel Torres-Moreno, Marc El-Bèze M.S. in Computer Science Université d'Avignon et des Pays de Vaucluse, France B.S. in Mathematics and Computer Science Université d'Avignon et des Pays de Vaucluse, France University of Birmingham, UK (ERASMUS Programme)	2006-2008 2004-2006 2000-2004
STUDENTS	Ph.D. Students ➤ Adrien Bougouin (expected graduation ~ 2015) M.S. Students ➤ Rémi Bois (2014; now Ph.D. student at Université de Rennes)	
PUBLICATIONS	Journal Papers [1] Adrien Bougouin and Florian Boudin. TopicRank : ordonnancement de sujets pour l'extraction automatique de termes-clés. <i>Traitement Automatique des Langues</i> , 55:1. 2014. [2] Romain Deveaud and Florian Boudin. De quoi parle ce Tweet? Résumer Wikipédia pour contextualiser des microblogs. <i>The Information - Intelligence - Interaction (I3) Journal</i> . 2014. [3] Florian Boudin, Jian-Yun Nie, Joan Bartlett, Roland Grad, Pierre Pluye, and Martin Dawes. Combining classifiers for robust PICO element detection. <i>BMC Medical Informatics and Decision Making</i> , 10:29. 2010. Conference Papers [4] Ophélie Lacroix, Denis Béchet, and Florian Boudin. Label Pre-annotation for Building Non-projective Dependency Treebanks for French. <i>Conference on Intelligent Text Processing and Computational Linguistics (CICLing)</i> . 2014. [5] Adrien Bougouin, Florian Boudin, and Béatrice Daille. TopicRank: Graph-Based Topic Ranking for Keyphrase Extraction. <i>International Joint Conference on Natural Language Processing (IJCNLP)</i> . 2013. [6] Florian Boudin. A Comparison of Centrality Measures for Graph-Based Keyphrase Extraction. <i>International Joint Conference on Natural Language Processing (IJCNLP)</i> . 2013. [7] Florian Boudin and Emmanuel Morin. Keyphrase Extraction for N-best Reranking in Multi-Sentence Compression. <i>Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies (NAACL-HLT)</i> . 2013.	

- [8] Florian Boudin, Jian-Yun Nie, and Martin Dawes. Using a Medical Thesaurus to Predict Query Difficulty. *European Conference on Information Retrieval (ECIR)*. 2012.
- [9] Florian Boudin, Stéphane Huet, and Juan-Manuel Torres-Moreno. A Graph-based Approach to Cross-language Multi-document Summarization. *Conference on Intelligent Text Processing and Computational Linguistics (CICLing)*. 2011.
- [10] Florian Boudin, Jian-Yun Nie, and Martin Dawes. Positional Language Models for Clinical Information Retrieval. *Conference on Empirical Methods in Natural Language Processing (EMNLP)*. 2010.
- [11] Florian Boudin, Jian-Yun Nie, and Martin Dawes. Clinical Information Retrieval using Document and PICO Structure. *Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies (NAACL-HLT)*. 2010.
- [12] Florian Boudin, Lixin Shi, and Jian-Yun Nie. Improving Medical Information Retrieval with PICO Element Detection. *European Conference on Information Retrieval (ECIR)*. 2010.
- [13] Florian Boudin, Marc El-Bèze, and Juan-Manuel Torres-Moreno. A Scalable MMR Approach to Sentence Scoring for Multi-Document Update Summarization. *International Conference on Computational Linguistics (COLING)*. 2008.
- [14] Florian Boudin, Juan Torres-Moreno, and Marc El-Bèze. Mixing Statistical and Symbolic Approaches for Chemical Names Recognition. *Conference on Intelligent Text Processing and Computational Linguistics (CICLing)*. 2008.
- [15] Florian Boudin, Juan-Manuel Torres-Moreno, and Patricia Velázquez-Morales. An Efficient Statistical Approach for Automatic Organic Chemistry Summarization. *International Conference on Natural Language Processing (GoTAL)*. 2008.
- [16] Florian Boudin and Juan-Manuel Torres-Moreno. A Cosine Maximization Minimization approach for User Oriented Multi-Document Update Summarization. *Recent Advances in Natural Language Processing (RANLP)*. 2007.
- [17] Florian Boudin and Juan Torres Moreno. NEO-CORTEX: A Performant User-Oriented Multi-Document Summarization System. *Conference on Intelligent Text Processing and Computational Linguistics (CICLing)*. 2007.

Workshop Papers

- [18] Romain Deveaud and Florian Boudin. Effective Tweet Contextualization with Hashtags Performance Prediction and Multi-Document Summarization. *INitiative for the Evaluation of XML Retrieval (INEX)*. 2013.
- [19] Romain Deveaud and Florian Boudin. LIA/LINA at the INEX 2012 Tweet Contextualization track. *INitiative for the Evaluation of XML Retrieval (INEX)*. 2012.
- [20] Florian Boudin, Amir Hazem, Nicolas Hernandez, and Prajol Shrestha. Participation du LINA à DEFT2012 (LINA at DEFT2012). *Défi Fouille de Textes (DEFT)*. 2012.
- [21] Romain Deveaud, Florian Boudin, and Patrice Bellot. LIA at INEX 2010 Book Track. *INitiative for the Evaluation of XML Retrieval (INEX)*. 2011.
- [22] Florian Boudin, Jian-Yun Nie, and Martin Dawes. Deriving a test collection for clinical information retrieval from systematic reviews. *Data and Text Mining in Biomedical Informatics (DTMBIO)*. 2010.
- [23] Florian Boudin, Marc El-Bèze, and Juan-Manuel Torres-Moreno. The LIA Update Summarization system at TAC-2008. *Text Analysis Conference (TAC)*. 2008.
- [24] Florian Boudin, Benoit Favre, Frederic Béchet, Marc El-Bèze, Laurent Gillard, and Juan-Manuel Torres-Moreno. The LIA-Thales summarization system at DUC-2007. *Document Understanding Conference (DUC)*. 2007.
- [25] B. Favre, F. Béchet, P. Bellot, F. Boudin, M. El-Beze, L. Gillard, G. Lapalme, and J.M. Torres-Moreno. The LIA-Thales summarization system at DUC-2006. *Document Understanding Conference (DUC)*. 2006.

National Conference Papers

- [26] Adrien Bougouin, Florian Boudin, and Béatrice Daille. Influence des domaines de spécialité dans l'extraction de termes-clés. *Traitement Automatique des Langues Naturelles (TALN)*. 2014.
- [27] Florian Boudin. TALN Archives : une archive numérique francophone des articles de recherche en Traitement Automatique de la Langue. *Traitement Automatique des Langues Naturelles (TALN)*. 2013.
- [28] Nicolas Hernandez and Florian Boudin. Construction d'un large corpus écrit libre annoté morpho-syntaxiquement en français. *Traitement Automatique des Langues Naturelles (TALN)*. 2013.
- [29] Romain Deveaud and Florian Boudin. Contextualisation automatique de Tweets à partir de Wikipédia. *Conférence en Recherche d'Information et Applications (CORIA)*. 2013.
- [30] Florian Boudin and Nicolas Hernandez. Détection et correction automatique d'erreurs d'annotation morpho-syntaxique du French TreeBank. *Traitement Automatique des Langues Naturelles (TALN)*. 2012.
- [31] Stéphane Huet, Florian Boudin, and Juan-Manuel Torres-Moreno. Utilisation d'un score de qualité de traduction pour le résumé multi-document cross-lingue. *Traitement Automatique des Langues Naturelles (TALN)*. 2011.
- [32] Romain Deveaud, Florian Boudin, Eric SanJuan, and Patrice Bellot. Correction de césures et enrichissement de requêtes pour la recherche de livres. *Conférence en Recherche d'Information et Applications (CORIA)*. 2011.
- [33] Florian Boudin and Juan-Manuel Torres-Moreno. Résumé automatique multi-document et indépendance de la langue : une première évaluation en français. *Traitement Automatique des Langues Naturelles (TALN)*. 2009.

Book Chapters

- [34] Florian Boudin and Juan-Manuel Torres-Moreno. A Maximization-Minimization Approach for Update Text Summarization. *Current Issues in Linguistic Theory: Recent Advances in Natural Language Processing*. 2009.

Ph.D. Thesis

- [35] Florian Boudin. Exploration d'approches statistiques pour le résumé automatique de texte. PhD thesis. Laboratoire Informatique d'Avignon – Université d'Avignon, 2008.

FUNDING	GOLEM - Approche par Optimisation pour l'Extraction de Mots-clés CNRS - PEPS INS2I/INSMI 2015, 6k€ over one year. Sole PI.	2015
SERVICE	Conference Program Chair: RECITAL 2013 Conference PCs: LACL 2012, RECITAL (2010, 2014, 2015) Conference Reviews: AAI 2015, TALN (2013, 2014, 2015), JAD'12 COLING 2012, KDIR (2009, 2010, 2011, 2012), CIKM 2011, RECITAL 2011 Workshop Reviews: BUCC 2015 Journal Reviews: Traitement Automatique des Langues, Information Retrieval, Information Processing & Management, Journal of Cheminformatics, Language Resources and Evaluation	
TEACHING	Université de Nantes, France Programming, Databases, Machine Learning Université d'Avignon et des Pays de Vaucluse, France Programming, Business Intelligence Université de Montréal, Canada Atelier en Informatique	800h+ 96h 54h

