



# Florian Boudin

Mis à jour - last update: 2013-10-28

## Formation - Education

- 2006-2008 **Doctorat en Informatique**, *Ph.D. in Computer Science*.  
Université d'Avignon et des Pays de Vaucluse, France  
Mention très honorable, directeurs : Juan-Manuel Torres-Moreno et Marc El-Bèze
- 2004-2006 **Master Recherche Informatique**, *M.S. in Computer Science*.  
Université d'Avignon et des Pays de Vaucluse, France
- 2000-2004 **Licence Génie Mathématique et Informatique**, *B.S. in Mathematics and Computer Science*.  
University of Birmingham, Royaume Uni (ERASMUS)

## Parcours professionnel - Employment history

- 2011-Présent **Maître de conférences**, *Associate professor*.  
Université de Nantes, France
- 2010-2011  $\frac{1}{2}$  **ATER**, *Assistant professor*.  
Université d'Avignon et des Pays de Vaucluse, France
- 2009-2010 **Stagiaire post-doctoral**, *Postdoctoral fellow*.  
Université de Montréal, Canada
- 2006-2009 **Assistant de recherche**, *Research assistant*.  
Université d'Avignon et des Pays de Vaucluse, France

## Intérêts de recherche - Research interests

- Résumé automatique, *Summarization*
- Extraction de termes-clés, *Keyphrase extraction*
- Recherche d'information, *Information retrieval*

## Compétences - Skills

Programmation Python, C, Java, HTML/CSS, PHP, SQL, L<sup>A</sup>T<sub>E</sub>X

Langues Français (natif), Anglais (bon), Japonais (notions)  
*Languages* French (native speaker), English (good – gap year in UK 2003-2004), Japanese (notions)

## Enseignement - Teaching experience

- Université de Nantes, France 372h
  - Programmation, bases de données, apprentissage automatique, technologies web
- Université d'Avignon et des Pays de Vaucluse, France 96h
  - Programmation, informatique décisionnelle
- Université de Montréal, Canada 54h
  - Atelier en informatique
- IUT d'Avignon, France 100h
  - Programmation, programmation web, bases de données

## Encadrement - Students

- Adrien Bougouin (Ph.D. student), Indexation automatique en domaine de spécialité (automatic indexing in specialized domain), 2012-2015.

## Service – Service

- Conference Program Chair : RECITAL 2013
- Conference PCs : COLING 2012, LACL 2012, RECITAL 2010
- Conference Reviews: TALN 2013, JAD'12, KDIR (2012, 2011, 2010, 2009), RECITAL 2011, CIKM 2011
- Journal Reviews: TAL

## Publications - Publications

### Journal Articles

- [1] **Florian Boudin, Jian-Yun Nie, Joan Bartlett, Roland Grad, Pierre Pluye, Martin Dawes**, Combining classifiers for robust PICO element detection, *BMC Medical Informatics and Decision Making*, 2010.

### Conference Papers

- [2] **Adrien Bougouin, Florian Boudin, Béatrice Daille**, TopicRank: Graph-Based Topic Ranking for Keyphrase Extraction, *International Joint Conference on Natural Language Processing (IJCNLP)*, 2013.
- [3] **Florian Boudin**, A Comparison of Centrality Measures for Graph-Based Keyphrase Extraction, *International Joint Conference on Natural Language Processing (IJCNLP)*, 2013, short paper.
- [4] **Florian Boudin, Emmanuel Morin**, Keyphrase Extraction for N-best Reranking in Multi-Sentence Compression, *North American Chapter of the Association for Computational Linguistics (NAACL)*, 2013.
- [5] **Florian Boudin, Jian-Yun Nie, Martin Dawes**, Using a Medical Thesaurus to Predict Query Difficulty, *European Conference on Information Retrieval (ECIR)*, 2012, short paper.
- [6] **Florian Boudin, Stéphane Huet, Juan-Manuel Torres-Moreno**, A Graph-based Approach to Cross-language Multi-document Summarization, *Conference on Intelligent Text Processing and Computational Linguistics (CICLing)*, 2011.
- [7] **Florian Boudin, Jian-Yun Nie, Martin Dawes**, Positional Language Models for Clinical Information Retrieval, *Empirical Methods in Natural Language Processing (EMNLP)*, 2010.
- [8] **Florian Boudin, Lixin Shi, Jian-Yun Nie**, Improving Medical Information Retrieval with PICO Element Detection, *European Conference on Information Retrieval (ECIR)*, 2010.
- [9] **Florian Boudin, Jian-Yun Nie, Martin Dawes**, Clinical Information Retrieval using Document and PICO Structure, *North American Chapter of the Association for Computational Linguistics (NAACL)*, 2010.
- [10] **Florian Boudin, Juan-Manuel Torres-Moreno, Marc El-Bèze**, Mixing Statistical and Symbolic Approaches for Chemical Names Recognition, *Conference on Intelligent Text Processing and Computational Linguistics (CICLing)*, 2008.
- [11] **Florian Boudin, Juan-Manuel Torres-Moreno, Patricia Velazquez-Morales**, An Efficient Statistical Approach for Automatic Organic Chemistry Summarization, *International Conference on Natural Language Processing (GoTAL)*, 2008.
- [12] **Florian Boudin, Juan-Manuel Torres-Moreno, Marc El-Bèze**, A Scalable MMR Approach to Sentence Scoring for Multi-Document Update Summarization, *International Conference on Computational Linguistics (COLING)*, 2008, short paper.
- [13] **Florian Boudin, Juan-Manuel Torres-Moreno**, NEO-CORTEX: a performant user-oriented multi document summarization system, *Conference on Intelligent Text Processing and Computational Linguistics (CICLing)*, 2007.
- [14] **Florian Boudin, Juan-Manuel Torres-Moreno**, A Cosine Maximization Minimization approach for User Oriented Multi-Document Update Summarization, *Recent Advances in Natural Language Processing (RANLP)*, 2007.

### National Conference Papers

- [15] **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, papier court.

- [16] **Romain Deveaud, Florian Boudin**, Contextualisation automatique de Tweets à partir de Wikipédia, *Conférence en Recherche d'Information et Applications (CORIA)*, 2013.
- [17] **Nicolas Hernandez, Florian Boudin**, Construction automatique d'un large corpus libre annoté morpho-syntaxiquement en français, *Traitement Automatique des Langues Naturelles (TALN)*, 2013.
- [18] **Florian Boudin, Nicolas Hernandez**, Détection et correction automatique d'erreurs d'annotation morpho-syntaxique du French TreeBank, *Traitement Automatique des Langues Naturelles (TALN)*, 2012.
- [19] **Stéphane Huet, Florian Boudin, 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.
- [20] **Romain Deveaud, Florian Boudin, Eric SanJuan, Patrice Bellot**, Correction de césures et enrichissement de requêtes pour la recherche de livres, *Conférence en Recherche d'Information et Applications (CORIA)*, 2011.
- [21] **Florian Boudin, 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, *papier court*.

### Workshop Papers

- [22] **Romain Deveaud, Florian Boudin**, Effective Tweet Contextualization with Hashtags Performance Prediction and Multi-Document Summarization, *INitiative for the Evaluation of XML Retrieval (INEX)*, 2013.
- [23] **Florian Boudin, Amir Hazem, Nicolas Hernandez, Prajol Shrestha**, Participation du LINA à DEFT 2012, *Défi Fouille de Textes (DEFT)*, 2012.
- [24] **Romain Deveaud, Florian Boudin**, LIA/LINA at the INEX 2012 Tweet Contextualization track, *INitiative for the Evaluation of XML Retrieval (INEX)*, 2012.
- [25] **Florian Boudin, Jian-Yun Nie, Martin Dawes**, Deriving a Test Collection for Clinical Information Retrieval from Systematic Reviews, *International Workshop on Data and Text Mining in Biomedical Informatics (DTMBIO)*, 2010.
- [26] **Romain Deveaud, Florian Boudin, Eric SanJuan, Patrice Bellot**, LIA at INEX 2010: Ad Hoc, Book and Question Answering Tracks, *INitiative for the Evaluation of XML Retrieval (INEX)*, 2010.
- [27] **Florian Boudin, Marc El-Bèze, Juan-Manuel Torres-Moreno**, The LIA Update Summarization system at TAC-2008, *Text Analysis Conference (TAC)*, 2008.
- [28] **Florian Boudin, Benoît Favre, Frédéric Béchet, Marc El-Bèze, Laurent Gillard, Juan-Manuel Torres-Moreno**, The LIA-Thales summarization system at DUC-2007, *Document Understanding Conference (DUC)*, 2007.
- [29] **Benoît Favre, Frédéric Béchet, Patrice Bellot, Florian Boudin, Marc El-Bèze, Laurent Gillard, Guy Lapalme, Juan-Manuel Torres-Moreno**, The LIA-Thales summarization system at DUC-2006, *Document Understanding Conference (DUC)*, 2006.

### Book Chapters

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

### Ph.D. Thesis

- [31] **Florian Boudin**, Exploration d'approches statistiques pour le résumé automatique de texte, *Thèse de doctorat (Ph.D. Thesis)*, 2008.