

Laurent Kevers

Date of birth : December, 29th 1978
Belgian
In a couple, one child
Driving license

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Computational linguist – R&D NLP engineer

I would like to put my curiosity and enthusiasm to good use in the building of actual, innovative and efficient solutions in the NLP domain.

- ✓ **Information Extraction** : Named Entities, Temporal Information and Complex Events.
- ✓ **Information Retrieval** : Thematic Indexing and Automatic Classification.
- ✓ **Semantics** : Creation and use of thesaurus and ontologies.
- ✓ **Software Development** : Semi-automatic lemmatization based on Unitex, Oral corpora management system [moca].
- ✓ **Communication** : Scientific writing, Participation to conferences and seminars.
- ✓ **Organisation** : Involvement in conferences organization and in the preparation of research projects.

Work experience

2012 – : Technology Transfer Advisor in the ICT and SHS domains

- Technology Transfer Office – University of Namur – Belgium.

2003 – 2010 : Research Assistant in Computational Linguistics and NLP

- Cental (Centre for Natural Language Processing) – University of Louvain-la-Neuve – Belgium.

2003 – 2005 : IT Consultant

- Free-lance and as an associate of BeTeam sprl.

Education

2007 – 2011 : Ph.D in Computational Linguistics – NLP (Doctorat en « langues et lettres »)

- Cental (Centre for Natural Language Processing) – University of Louvain-la-Neuve – Belgium.

1999 – 2002 : Maîtrise (Bac+5) in Computer Science (graduated with high honours)

- University of Namur – Belgium.

1996 – 1999 : Candidature (Bac+2) in Economics, Social Sciences and Business Administration, Computer Science specialization

- University of Namur – Belgium.

Languages

French	English	Dutch
Native	Good passive and active knowledge	Average passive and active knowledge

Computing skills

Languages	Specialized Tools	Various Tools	OS
C, Java, Python, Perl, PHP, SQL, Bash Scripts, RDF, OWL, XML, XHTML, CSS	<u>Linguistics and NLP</u> : Unitex, TreeTagger, Protégé, Gate, Regular Expressions <u>Development</u> : MySQL, DB-Main, Eclipse...	SVN, LaTeX, Inkscape, Adobe Photoshop, Gimp, MS Office, Open Office	GNU/Linux, Mac OS X, Windows

Scientific papers and communications

L. Kevers (2011), Accès sémantique aux bases de données documentaires. Techniques symboliques de traitement automatique du langage pour l'indexation thématique et l'extraction d'informations temporelles, thèse de doctorat en Langues et lettres, Université catholique de Louvain, 31-01-2011.

L. Kevers et J. Medori (2010), Symbolic classification methods for patient discharge summaries encoding into ICD, In: Advances in Natural Language Processing, 7th International Conference on NLP, IceTAL 2010, Reykjavik, August 16-18, 2010, Lecture Notes in Artificial Intelligence, 2010, p. 197-208.

L. Kevers, A. Mantrach, C. Fairon, H. Bersini et M. Saerens (2010), Classification supervisée hybride par motifs lexicaux étendus et classificateurs SVM, In: 10th International Conference on statistical analysis of textual data (JADT 2010), Rome, 9-11/06/2010, S. Bolasco, I. Chiari, L. Giuliano ed(s), Ed. Univ. di Lettere Economia Diritto, 2010, p. 105-117.

L. Kevers (2009), "Indexation semi-automatique de textes : thésaurus et transducteurs", In: Actes de la Sixième Conférence Francophone en Recherche d'Information et Applications (CORIA), Presqu'île de Giens, p. 151-167.

L. Kevers et C. Fairon (2007), "Vers une base de connaissances biographiques : extraction d'information et ontologies". In Revue des Nouvelles Technologies de l'Information - Série Extraction et gestion des connaissances. RNTI-E-9. Actes des 7èmes Journées Francophones Extraction et Gestion des Connaissances (EGC'2007, Namur). Cepaduès éditions. Vol. 1: 373-378.

P. Gilles, L. Kevers et A.-C. Simon (2006), [moca] Multimedia Oral Corpora Administration. Un système de gestion et d'annotation de données orales. Présentation orale, 3rd Freiburg Workshop on Romance Corpus Linguistics, Corpora and Pragmatics.

L. Kevers (2006), "L'information biographique : modélisation, extraction et organisation en base de connaissances". In P. Mertens, C. Fairon, A. Dister, P. Watrin (éds). *Verbum ex machina. Actes de la 13e conférence sur le Traitement automatique des langues naturelles*. Presses universitaires de Louvain, Louvain-la-Neuve (Cahiers du Cental 2): 680-689.

L. Kevers et B. Kindt (2005), Traitement automatisé de l'ambiguïté lexicale en grec ancien. Première approche par application de grammaires locales. In *Linguisticae Investigationes*, 28: 235-254.

L. Kevers et B. Kindt (2004). "Vers un concordanceur-lemmatiseur en ligne du grec ancien". In *L'Antiquité Classique* 73: p. 203-213.

Y. Bestgen, C. Fairon et L. Kevers (2004). "Un baromètre affectif effectif. Corpus de référence et méthode pour déterminer la valence affective de phrases". In G. Purnelle, C. Fairon et A. Dister (eds). *Le poids des mots. Actes des 7es Journées internationales d'Analyse statistique des Données Textuelles*. Presses universitaires de Louvain.

Other scientific activities

Seminars and other presentations

- 2007 Cental Seminar : "Processing of temporal expressions in press dispatches".
- 2005 Journées de l'ATALA : "Automated processing of ancient Greek and of non-classic Arabic" (with B. Kindt et L. Tuerlinckx).
- 2003 LADL Seminar : "Lemmatization of Greek patristic and byzantine sources for a lexical description of ancient Greek" (with B. Kindt).

Other scientific activities

- Scientific committee member for « SMS Communication : A Linguistic Approach », special edition of *Linguisticae Investigationes* (2012).
- Organizing committee member for FIL2010, WAC3 (2007), TALN 2006 and JADT 2004.
- Reviewer for LTC'09 and LTC'07.

Personal interests

Travelling is for me the unique opportunity to live simultaneously a few passions. **Hiking** and **trekking** across unforgettable sceneries, **meet** amazing people and cultures, and try to express all these feelings through **photography**. I had the chance to give free expression to these passions during a sabbatical year (2011-2012) which allowed me to visit 15 countries all over the world.