

MARIE-FRANCINE MOENS - CURRICULUM VITAE

EDUCATION

Ph.D.

Ph.D. in Computer Science (*Doctor in de Informatica* - K.U.Leuven): June 28, 1999.
Dissertation title: *Automatically Indexing and Abstracting the Content of Document Texts*.
Advisors: Henk Olivié, Leopold Verstraelen and Jos Dumortier, dissertation committee: Danny De Schreye, Jerry Hobbs (foreign expert) and Jan Leysen.

Master

Master in Computer Science (*Licentiaat in de Informatica* - K.U.Leuven): July 10, 1992 (specialization: software engineering - master thesis in the domain of machine learning, advisor: Maurice Bruynooghe).
Master of Arts in Archaeology (University of California Los Angeles): June 15, 1984 (specialization: ancient Egyptian language, advisor: John B. Callender).
Master in Archaeology (K.U.Leuven): March 8, 1982 (specialization: ancient Egyptian language, advisor: Jan Quaegebeur).

POSITIONS

Full-time professor at the Department of Computer Science (K.U.Leuven): 2011-
Full-time associate professor at the Department of Computer Science (K.U.Leuven): 2007-2011.
Full-time associate professor at the Centre for Law and ICT (K.U.Leuven): 2005-2007.
Part-time associate professor at the Centre for Law and ICT (K.U.Leuven): 2002-2005.
Postdoc researcher at the Centre for Law and ICT (K.U.Leuven): 1999-2005.
Researcher at the Centre for Law and ICT (K.U.Leuven): 1992-1999.

AWARDS AND FELLOWSHIPS

Post-doctoral fellowship of the Katholieke Universiteit Leuven: 2000-2002.
Fellowship of the *Belgian American Educational Foundation* (BAEF): 1983-1984.
Laureate of the *Travel grants competition (Reisbeurzenwedstrijd)* 1982 of the Belgian Department of Education, Administration of Higher Education and Scientific Research.

RESEARCH EXPERIENCE

Research topics

- Content recognition in text, information extraction, discourse understanding, text mining, knowledge acquisition, machine reading of text
- Processing of noisy text such as user generated content and speech transcripts
- Information retrieval and search models, text based question answering and reasoning
- Machine learning for natural language processing, especially learning with limited supervision
- Cross-media and cross-lingual alignment and summarization of content
- e-Forensics: content and email filtering.

Research direction

Directs the **Language Intelligence and Information Retrieval** group (<http://www.cs.kuleuven.be/groups/liir/>) at the Department of Computer Science at the Katholieke Universiteit Leuven composed of:

- 4 senior researchers:
 - Dr. Wim De Smet, May 2011 -
 - Dr. Juan Carlos Gomez, May 2011 -
 - Dr. Steven Bethard, September 2010 -
 - Dr. Karl Gyllstrom, November 2009 -
- 7 doctoral students:
 - Jan De Belder, Oleksandr Kolomiyets, Parisa Kordjamshidi, Aparna Nurani Venkitasubramanian, Phi The Pham, Gert-Jan Poulisse and Ivan Vulic.
- 1 predoctoral student:
 - Niraj Shrestha.

Postdoctoral researchers under previous supervision

Dr. Juan Carlos Gomez, March 2008 - December 2009, is now professor tutor at the Instituto Tecnológico y de Estudios Superiores de Monterrey (ITESM), University of Monterrey, Mexico (currently visiting the research group with a research grant of CONACYT, Mexico).

Dr. Christina Lioma, November 2007 - May 2009, is now lecturer at the Institut for Natural Language Processing (IMS) at the University of Stuttgart, Germany.

Research grants

Granted by the European Commission

TOSCA-MP (Task-Oriented Search and Content Annotation for Media Production)

- **Local coordinator.**
- Algorithms for cross-media content annotation and search in networked media production and archiving, 10/2011-9/2013, EU FP7-287532.
- In collaboration with Joanneum Research Forschungsgesellschaft, playence KG, Austria, Deutsche Thomson, Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung, Institut für Rundfunktechnik GmbH, Germany, Union Européenne de Radio-Télévision, Switzerland, VRT (Vlaamse Radio- en Televisieomroeporganisatie), Belgium, RAI-Radiotelevisione Italiana SpA, Fondazione Bruno Kessler, Italy.

Erasmus Mundus fellowship of Niraj Shrestha (Word Sense Disambiguation)

- Erasmus Mundus Experts scholarship, 9/2011 – 3/2014.

TERENCE (An Adaptive Learning System for Reasoning about Stories with Poor Comprehenders and their Educators)

- **Local coordinator.**
- Algorithms for automatically understanding written stories for children and building reasoning games, 10/2010-9/2013, EU FP7- 257410.
- In collaboration with the Università degli Studi dell'Aquila, Libera Università di Bozen-Bolzano, Fondazione Bruno Kessler FBK, Università degli Studi di Padova, Università degli Studi di Verona, Italy, Moholy-Nagy University of Budapest, Hungary, University of Sussex, UK, L3S Research Centre Hannover, Germany, Biomedicine Intelligent Systems, Spain, Centre for Scientific Visualisation, Slovenia, SIVECO Romania.

Erasmus Mundus fellowship of Ksenya Rigova (The Analysis of Mathematical Methods for Graphic Information Classification and Search)

- Erasmus Mundus External Cooperation Window Triple I Program, 1/2010 – 8/2010, ID 60274 – Contract 72041.

PuppyIR (An Open Source Environment to Construct Information Services for Children)

- **Local coordinator.**
- Algorithms for ranking and aggregation of information with focus on probabilistic modeling; algorithms for query reformulation and child language generation, 4/2009-3/2012, EU FP7-231507.
- In collaboration with the University of Twente, the Technical University Delft, AMC/Emma Kinderziekenhuis, Vereniging Openbare Bibliotheken, The Netherlands, University of Glasgow, University of Strathclyde, UK, and ATOS Origin, Spain.

Spraak2Taal (Research into the Integration of Speech and Language Technologies)

- **Coordinator.**
- Algorithms for the recognition of ideological content in spoken discourse, especially political speeches, 1/2011-12/2012, Flemish/Dutch collaboration project in the frame of the pan-European infrastructure CLARIN.
- In collaboration with: K.U.Leuven (ESAT-PSI, Kris Demuynck), Universiteit Antwerpen, and Rijksuniversiteit Groningen.

CLASS (Cognitive-Level Annotation Using Latent Statistical Structure)

- The annotation of multimedia content by means of latent statistical techniques, 1/2006-6/2009, EU FP6-027978.
- In collaboration with: K.U.Leuven (ESAT-Visics, Luc Van Gool), INRIA, Grenoble, France, University of Oxford, UK, University of Helsinki, Finland, and Max-Planck Institute for Biological Cybernetics, Germany.
- **Has been identified by the EU as an “excellent project”.**

AntiPhish (Anticipatory Learning for Reliable Phishing Prevention)

- **Local coordinator.**
- Recognition of phishing e-mails based on machine learning techniques, 1/2006-6/2009, EU FP6-027600.
- In collaboration with: Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung (IAIS, Bonn), Germany, Symantec LIRIC Limited, Ireland, Symantec Ltd, USA, TISCALI Services, Italy, Nortel Networks, France.

Other international and European grants

WebInsight (WebInsight: Towards Modeling Correlation and Evolution of Web Documents)

- Algorithms for document comparison based on probabilistic topic models, 1/2009-12/2011, BIL/008/008.
- In collaboration with: Tsinghua University, China.

DAISY (Dutch lLanguage Investigation of Summarization technologY)

- **Coordinator.**
- Algorithms for sentence compression, fusion and generation; algorithms for text segmentation and classification, 11/2008-10/2011, Stevin ST-07-015.
- In collaboration with the University of Groningen and Q-go, The Netherlands.

LINDO (Large scale distributed INDexation of multimedia Objects)

- **Local coordinator.**
- Question answering of multimedia content represented by topic maps, 10/2007-11/2010, EU ITEA 2 (06011 - IWT 07 0043).
- In collaboration with: Thales Security Systems, France, CEA List France, DENODO, Spain, IRT, France, SGT, France, Space Applications Services, Belgium, SUPELEC, France, Telefonica Investigacion y Desarrolla, Spain and Infoglobal, Spain.

CADIAL (Computer Aided Document Indexing for Accessing Legislation)

- **Coordinator.**

- Automatic indexing of legislation, 3/2007-9/2009, Flemish Government, Department International Flanders and the Croatian Government, Ministry of Science, Education and Sports Ministerie van de Vlaamse Gemeenschap, KRO/009/06.
- In collaboration with: University of Zagreb (Croatia).
- The CADIAL project has received the **2009 Prime Minister Award** for special achievements in the field of e-Government in Croatia and the **2009 "Golden Tesla's Egg" Award** of the VIDI publishing house for the best innovative solution in ICT for the category Academic Institutions.

CORNETTO (Combinatorial and Relational Network as Toolkit for Dutch Language Technology)

- **Local coordinator.**
- Design and implementation of a lexical database (WordNet) by means of automatic knowledge acquisition, 4/2006 – 6/2008, Stevin ST-05-39.
- In collaboration with: Vrije Universiteit Amsterdam, Universiteit van Amsterdam, IRION, The Netherlands.

National grants

PARIS (Personalized Advertisements built from web Sources)

- **Coordinator.**
- Design and conceptualization of novel forms of advertising based on mixed media tailored to the lifestyle as reflected in user generated Web content, 1/2012 – 12/2015, IWT (SBO 110067).
- In collaboration with: K.U.Leuven (HCI-Ariadne, Erik Duval and Visics, Luc Van Gool, Tinne Tuytelaars), Universiteit Gent (Web Intelligence, Martine De Cock), Hogeschool Gent (LT3, Véronique Hoste), Universiteit Antwerpen (International and European Legal Studies, Patrick Van Eecke), en Vlerick Leuven Gent Management School (Steve Muylle).

Radical (Radical innovation, competition, cooperation and growth)

- Finding indicators on how innovations contribute to the performance of companies and economic growth, among others based on text mining techniques, 10/2011 – 9/2016, Geconcerteerde onderzoeksacties (GOA 12/003), K.U.Leuven.
- In collaboration with K.U.Leuven (Faculty of Business and Economics), Belgium.

TermWise (Termwise: Resources for Specialized Language Use)

- Alignment algorithms for specialized term extraction, 10/2009 – 9/2013, Industrieel Onderzoeksfonds (IOF).
- In collaboration with K.U.Leuven (QLVL), De Nayer Campus, Lessius Hogeschool, Belgium.

IRO Scholarship Phi The Pham (Algorithms for Cross-Media and Cross-Lingual Alignment of Equivalent Content)

- Interfaculty Council for Development Cooperation Scholarships program, 10/2009-9-2012, IRO ID 16663.

DBOF Scholarship Parisa Kordjamshidi (Extraction of Spatial Relations from Text in a Multimodal Environment)

- DBOF/08/043, 10/2008-9/2011, grant from K.U.Leuven.

ISIS (Indexing Structures and retrievability of Information Sources) – F+ fellowship Christina Lioma

- The possibilities of hiding information through indexing structures and its consequences for accessibility of information, 4/2008-6/2009, K.U.Leuven Onderzoeksfonds (3E080225).

AMASS++ (Advanced Multimedia Alignment and Structured Summarization)

- **Coordinator.**
- Cross-media and cross-lingual aligning, synthesis and presentation of content, 5/2007-4/2011, IWT (SBO 060051).
- In collaboration with: K.U.Leuven (Visics, Luc Van Gool, CCL, Frank Van Eynde), Universiteit Hasselt (EDM), Belgium.

ACILA (Automatic Detection and Classification of Arguments in a Legal Case)

- The analysis, recognition and visualization of arguments in legal texts, 10/2006 – 9/2010, K.U.Leuven Onderzoeksfonds (OT/06/03).

Acknowledge (Accessible & Open Knowledge Infrastructure for Flanders)

- Implementation of a demonstrator for e-learning and knowledge management, 9/2006 – 12/2008, IBBT.
- In collaboration with: K.U.Leuven (CUO, Dirk De Grooff, ESAT- COSIC, Bart Preneel, Distrinet, Pierre Verbaeten and Erik Duval), Universiteit Hasselt (EDM), Vrije Universiteit Brussel (SMIT STARLab), Universiteit Gent (OWK, MICT), Synergetics NV, UNU-CRIS, i.Know, ICMS, VDAB, PMTC, EPYC, Custodix, Hogeschool Gent, Belgium.

TIME (Advanced Time-Based Text Analytics)

- Topic tracking and sentiment analysis in Web logs: 2/2006-9/2007, IWOIB.
- In collaboration with: Attentio, Belgium.

A4MC³ (Architectures for Mobile Community Content Creation)

- The exploitation of technologies for community building, among which is content creation and management, 5/2005-4/2007, IBBT.
- In collaboration with: Concentra Media, Belgium.

INFO-NS

- **Coordinator.**
- Testing and evaluation of tools for searching and mining of unstructured information, 10/2004-9/2005, Belgian Science Policy (Nr. AG/01/101).
- In collaboration with: K.U.Leuven (LIRIS, Jan Vanthienen) and the Federal Police of Belgium.

TEXT MINING

- Design of interface and search engine for the retrieval of methodological data that accompany statistical data, 1/2004-12/2004, Belgian Science Policy (Nr. AG/01/094).
- In collaboration with: National Bank of Belgium.

Research networks

MUMIA (MULTilingual and Multifaceted Interactive information Access)

- Technology that must be able to search, filter, extract, combine, integrate, and process multiple and distributed sources of multilingual content, 5/2010- 11/2014, EU ICT COST Action IC1002.
- In collaboration with other European countries, LIIR acts as the Belgian representative in the MUMIA COST action.

CLARIN (Common LAnguage Resources and technology INfrastructure)

- Integrated and operable research infrastructure of language resources, 7/2008- 6/2011 (2008-2011: preparatory phase; 2011-2020: construction phase), EU FP7 INFRASTRUCTURES-2007-1-212230.
- In collaboration with K.U.Leuven (CCL, Frank Van Eynde and PSI/speech, Patrick Wambacq) and numerous European research institutes and universities (see: <http://www.clarin.eu/>).

TEACHING EXPERIENCE

Instructor of present courses

K.U.Leuven (Faculty of Engineering):

- **Text Based Information Retrieval** (B-KUL-H02C8A and B-KUL-H02C8B): since 2000.
- **Natural Language Processing** (B-KUL-H02B1A): since 2008.
- **Current Trends in Databases** (B-KUL-G0J98A): since 2008.

- **Beginnelen van programmeren** (B-KUL-G0N28A and B-KUL-G0N28B): since 2009.
- **Geschiedenis van de informatica** (B-KUL-G0K34A): since 2009.

Instructor of past courses

K.U.Leuven (Faculty of Law):

- **Fundamental Concepts of Information and Communications Technology** (B-KUL-C04G3A): 2001-2009.
- **Juridische Informatica** (B-KUL-C01C5B): 2005-2009.
- **Fundamental Concepts of Information and Communications Technology: Advanced Course** (B-KUL-C07B7A): 2002-2005.

Master theses students

Master theses students in **Computer Science** (Faculty of Engineering, K.U.Leuven): since 2009:

- Stijn Blontrock, Bart Verhoeven, Bram Jans, Jens Messner, Niels Schroyen, Pieter-Jan Speelmans and Maarten Tielemans.

Master theses students in **Informatics** (Faculty of Science, K.U.Leuven): since 2008:

- Jan De Belder, Willem Mestdagh, Tayena Hendrickx and Jeroen van Habberney.

Master theses students in **Artificial Intelligence** (Faculty of Engineering, K.U.Leuven): since 2001:

- Ans Berghmans, Steven De Bruyn, Johan De Coster, Li Hong, Li Caiping, Hannelore Houzet, Jing Xiuli, Ye Zhen, Junyi Liao, Dennis N. Mehay, Maria Biryukov, Johan Loeckx, Olivier Gevaert, Su Jing, Federico Raue Rodriguez, Davy Van den Steen, Ye Zhang, Gloria Virginia, Liu Chang, Ahmed Hasan Sousain, Kangjia Xu, Jing Cao, Phi Pham, Yue Xin, Phuong Phan, Rula Sayaf, Viktoras Veitas, Eric Boulet, Carine Yu, Saurabh Shekhar Verma and Darko Velkoski.

Supervised Ph.D. Students who have received their doctorate

K.U.Leuven

- Raquel Mochales Palau, *Automatic Detection and Classification of Argumentation in a Legal Case*, (Faculty of Engineering, co-promotor: Danny De Schreye), awarded on July 13, 2011; is currently senior researcher at the company Nuance, Merelbeke, Belgium.
- Wim De Smet, *Probabilistic Graphical Models for Content Representation and Applications in Monolingual and Multilingual Settings* (Faculty of Engineering, co-promotor: Danny De Schreye), awarded on May 30, 2011.
- Koen Deschacht, *Weakly Supervised Methods for Information Extraction* (Faculty of Engineering, co-promotor: Danny De Schreye), awarded on May 6, 2010.

Ph.D. students under current supervision

K.U.Leuven

- Aparna Nurani Venkitasubramanian (Faculty of Engineering, co-promotor Tinne Tuytelaars): since 2011.
- Ivan Vulic (Faculty of Engineering, co-promotor Herman Crauwels): since 2009.
- Jan De Belder (Faculty of Engineering): since 2009.
- Parisa Kordjamshidi (Faculty of Engineering, co-promotor Luc De Raedt): since 2008.
- Gert-Jan Poulisse (Faculty of Engineering, co-promotor: Luc Van Gool): since 2007.
- Oleksandr Kolomiyets (Faculty of Engineering): since 2007.
- Phi The Pham (Faculty of Engineering): since 2007.

Visiting Ph.D. students under supervision

- Kseniya Rogova (University of Petrozavodsk, Russia), Januari 2010 – August 2010.

Ph.D. committees

Foreign expert

- Université Paul Sabatier, France, Institut de Recherche en Informatique: Ph.D. of Ourdia Boudighaghen, *Accès contextuel à l'information dans un environnement mobile*, 12-2011, (promoters: Mohand Boughanem and Linda Tamine-Lechani).
- Université Paul Sabatier, France, Institut de Recherche en Informatique: Ph.D. of Malik Muhammed Saad Missen, *Combining Granularity-Based Topic-Dependent and Topic-Independent Evidences for Opinion Detection*, 7-6-2011 (promotor: Mohand Boughanem).
- Universidade da Beira Interior (Portugal), Departamento de Informática: Ph.D. of João Paulo da Costa Cordeiro, *Rule Induction for Sentence Reduction*, 29-4-2011 (promoters: Gaël Harry Dias and Pavel Bernard Brazdil).
- Université européenne de Bretagne, Rennes, France, Institut National des Sciences Appliquées: Ph.D. de Gwénolé Lecorvé, *Adaptation thématique non supervisée d'un système de reconnaissance automatique de la parole*, 24-11-2010 (promotor: Pascale Sébillot).
- Université Paul Sabatier, France, Institut de Recherche en Informatique: Ph.D. of Mariam Daoud, *Accès personnalisé à l'information d'un profil utilisateur sémantique dérivé d'une ontologie de domaines à travers l'historique des sessions de recherche*, 10-12-2009 (promotor: Mohand Boughanem).
- Universiteit Leiden, The Netherlands, Leiden Institute of Advanced Computer Science: Ph.D. of Tim Kristian Cocx, *Algorithmic Tools for Data-Oriented Law Enforcement*, 2-12-2009 (promotor: Joost N. Kok).
- École Nationale Supérieure des Mines, Saint-Étienne, France, Centre Génie Industriel et Informatique: Ph.D. of Amélie Imafouo, *Comportement au passage à l'échelle des modèles de recherche d'information*, 6-12-2006 (promotor: Michel Beigbeder).

National expert

- K.U.Leuven, Faculty of Business and Economics, Ph.D. of Tom Magerman, *Impact and Consequences of Science-Intensive Patents: In Search of Anti-Commons Using Latent Semantic Analysis*, 8-11-2011 (promotor: Koenraad Debackere).

- K.U.Leuven, Faculty of Engineering, Ph.D. of Xinhai Liu, *Learning from Multiview Data: Clustering Algorithms and Text Mining Applications*, 15-9-2011 (promotor: Bart De Moor).
- K.U.Leuven, Faculty of Arts, Ph.D of Scott Martens, *Quantifying Linguistic Regularity*, 8-7-2011 (promotor: Frank Van Eynde).
- K.U.Leuven, Faculty of Arts, Ph.D. of Yves Peirsman, *Crossing Corpora. Modelling Semantic Similarity across Languages and Lects*, 26-5-2010 (promotors: Dirk Geeraerts and Dirk Speelman).
- K.U.Leuven, Faculty of Engineering, Ph.D. of Björn Bringmann, *Mining Patterns in Structured Data*, 21-9-2009 (promotor: Luc De Raedt).
- K.U.Leuven, Faculty of Engineering, Ph.D. of Joris Vertommen, *Construction and Maintenance of User Profiles for Knowledge Management Systems*, 20-2-2009 (promotor: Joost Duflou).
- K.U.Leuven, Faculty of Engineering, Ph.D. of Joris Klerkx, *Information Visualization: Flexible Access to Reusable Components*, 12-12-2008 (promotors: Erik Duval and Henk Olivié).
- K.U.Leuven, Faculty of Engineering, Ph.D. of Katrien Verbert, *An Architecture and Framework for Flexible Reuse of Learning Objects Components*, 7-2-2008 (promotors: Erik Duval and Henk Olivié).
- K.U.Leuven, Faculty of Arts, Ph.D. of Vincent Vandeghinste, *Hybrid Modular Machine Translation*, 4-4-2008 (promotor: Frank Van Eynde).
- K.U.Leuven, Faculty of Engineering, Ph.D. of Jehad Najjar, *Learning Object Metadata: An Emperical Investigation and Lessons Learned*, 5-2-2007 (promotors: Erik Duval and Henk Olivié).
- K.U.Leuven, Faculty of Engineering, Ph.D. of Stefan Raeymaekers, *Information Extraction from Web Pages Based on Tree Automata Induction*, 30-1-2008 (promotor: Maurice Bruynooghe).
- K.U.Leuven, Faculty of Engineering, Ph.D. of Frizo Janssens, *Integrating Text Mining and Bibliometrics for Science and Technology Mapping*, 22-5-2007 (promotors: Bart De Moor and Koenraad Debackere).
- K.U.Leuven, Faculty of Engineering, Ph.D. of Kris Cardinaels, *A Dynamic Learning Object Life Cycle and its Implications for Automatic Metadata Generation*, 8-6-2007 (promotor: Henk Olivié).

Habilitation committees

Foreign expert

- University d'Orléans, France, Laboratoire d'Informatique Fundamentale d'Orléans: Habilitation of Gaël Dias, *Information Digestion*, 10-12-2010 (promotor: Christel Vrain).
- Université de Grenoble (Joseph Fourier), France, Laboratoire d'Informatique de Grenoble: Habilitation of Jean-Pierre Chevalet, *Ressources endogènes et exogènes pour une indexation conceptuelle intermédiaire*, 4-12-2009 (promotor: Catherine Berrut).

Teaching grants

Granted by the European Commission

Information Foraging

- **Local coordinator.**
- Erasmus Intensive Programme (2010-2013).

- In collaboration with the Radboud University Nijmegen, The Netherlands, Glasgow University, UK, University of Duisburg, Germany, University of Tampere, Finland and Université Paul Sabatier, France.

Invited tutorials

- *Question Answering*, tutorial at the Erasmus Intensive Programme Information Foraging, Radboud University Nijmegen, The Netherlands, 22-8-2011 – 4-9-2011.
- *Extraction d'information*, tutorial at the Ecole d'automne en recherche d'information (EARIA 2010), Lyon, France, 8-11-2010 – 10-11-2010.
- *Text Mining and e-Forensics*, tutorial at the AI Lecture Series Data Mining Applications, University of Luxembourg, Luxembourg, 26-10-2010.
- *Automatically Linking Content Across Languages and Media*, tutorial at the 4th Chinese Semantic Web Symposium (CSSW 2010), Tsinghua University, China, 19-8-2010.
- *Linking Content in Unstructured Sources*, tutorial at the 19th International World Wide Web Conference (WWW 2010), Raleigh, NC, 27-4-2010.
- *Het ontdekken van informatie: bijdragen vanuit de tekstanalyse*, Universiteit Hasselt, Belgium, 5-2010.
- *Text Mining and Content Filtering*, Data Mining in Practice, K.U.Leuven Arenberg Doctoral School, Leuven, Belgium, 15-9-2009 – 8-9-2009.
- *Information Extraction and Linking in a Retrieval Context*, tutorial jointly with Djoerd Hiemstra at the 31st European Conference on Information Retrieval (ECIR 2009), Toulouse, France, 6-4-2009.
- *Text Mining, Information and Fact Extraction*, 2nd Russian Summer School in Information Retrieval, Taganrog, Russia, 1-9-2008 – 5-9-2008.
- *Het ontdekken van informatie: bijdragen vanuit de tekstanalyse*, Universiteit Hasselt, Belgium, 6-5-2008.
- *Information Extraction in Business Intelligence: A Blessing or Curse?* Vlerick Management School, Gent, Belgium, 3-12-2005.
- *Automatische indexerings in systemen voor informatieontsluiting*, Universiteit Antwerpen, Belgium, 29-4-2005.
- *Semantic Role Detection in Texts*, University of Amsterdam, The Netherlands, 3-12-2004.
- *Digitale wetgeving: Een agenda voor de toekomst*, K.U.Brussel, Belgium, 22-1-2004.
- *Legal Text Summarization*, University of Edinburgh, UK, 31-5-2003.
- *Legal Information Retrieval*, International JURIX 1999 Conference, Katholieke Universiteit Leuven, Belgium, 12-12-1999.

<h2>INVITED TALKS</h2>

- **Invited lecture:** *Understanding Discourse*, Universiteit van Amsterdam, The Netherlands, Intelligent Systems Lab, 14-12-2010.
- **Invited lecture:** *Automatic Indexing with the EUROVOC Thesaurus Enabling Cross-lingual Search*. EuroVoc 2010 Conference, European Commission, Luxembourg, 17-11-2011.
- **Invited lecture:** *Mining Technologies for the Security of European Citizens*. European Security Research Conference, Oostende, Belgium, 23-9-2010.
- **Invited lecture:** *Language Technologies for Image Annotation*, IBM China Research Lab Beijing, China, 7-9-2010.

- **Invited lecture:** *Language Technologies in Question Answering*, Tsinghua University, China, Natural Language Processing Group, Department of Computer Science and Technology, 2-9-2010.
- **Keynote speech:** *Adding Structure to Semi-Structured Documents*. The 22nd International Conference on Legal Knowledge and Information Systems (JURIX 2009), 18-12-2009, Rotterdam, The Netherlands.
- **Keynote speech:** *More than Just Words: Discovering the Semantics of Text with a Minimum of Supervision*, Fourteenth Portuguese Conference on Artificial Intelligence (EPIA 2009), 14-10-2009, Aveiro, Portugal.
- **Keynote speech:** *Mining Opinions in Blogs: The Good, the Bad and the Ugly*, 6ème Conférence en Recherche d'Information et Applications (CORIA 2009), 5-5-2009, VVF Presqu'île de Giens - VAR, France.
- **Invited lecture:** *Aligning Content in Images and Text: What Can we Learn from Multilingual and Monolingual Text Processing*, University of Edinburgh, UK, School of Informatics, 24-4-2009.
- **Invited lecture:** *Language Technologies for Information Services*, iTec Workshop, KULAK, 8-1-2009.
- **Inaugural lesson:** *Learning Computers to Understand Text*, Katholieke Universiteit Leuven, 8-2-2008.
- **Keynote speech:** *Words and Pictures: The Power of Information Extraction*, 29th International Conference on Information Technology Interfaces (ITI 2007), 25-6-2007, Dubrovnik, Croatia.
- **Keynote speech:** *Information Synthesis: A Glance at the Future*, IJCAI-05 Workshop on Knowledge and Reasoning for Question-Answering, 7-7-2005.
- **Invited lecture:** *Information Extraction: Training with Labeled and Unlabeled Examples*. Workshop on Machine Learning of Information Extraction, Universiteit Antwerpen, 3-3-2005.

STAYS AT FOREIGN LABORATORIES

- **Tsinghua University**, Knowledge Engineering Lab, Department of Computer Science and Technology, August 2010 - September 2010.

PUBLICATIONS

International books

- IB2 **Moens, M.-F. (2006).** *Information Extraction: Algorithms and Prospects in a Retrieval Context (The Information Retrieval Series 21)*. New York: Springer (246 p.).
- IB1 **Moens, M.-F. (2000).** *Automatic Indexing and Abstracting of Document Texts (The Kluwer International Series on Information Retrieval 6)*. Kluwer Academic Publishers: Boston (265 p.). (publication of Ph.D. thesis)

Edited international books and proceedings

- EB14 Diaz, F., Hovy, E., King, I., Li, J., Metzler, D., Moens, M.-F., Tang, J. & Zhang, L. (2011). *Proceedings of the 3rd Workshop on Social Web Search and Mining (SWSM2011): Analysis of User Generated Content Under Crisis*, held in conjunction with SIGIR 2011 (103 p.).
- EB13 Mulkar-Mehta, R., Hovy, E., Magnini, B., Welty, C., Saint-Dizier, P. & Moens, M.-F. (2011). *Proceedings of FAM-LbR/KRAQ 2011: Learning by Reading and its Applications in Intelligent Question-Answering*, held in conjunction with IJCAI 2011 (82 p.).
- EB12 Tadić, M. Dalbelo Bašić, B. & Moens, M.-F. (Eds.) (2009). *Technologies for Processing and Retrieval of Semi-Structured Documents*. Zagreb: Croatian Language Technologies Society (260 p.).
- EB11 Chen, H., Dacier, M., Moens, M.-F., Paass, G. & Yang, C.C. (Eds.) (2009). *Proceedings of the ACM SIGKDD Workshop on Cybersecurity and Intelligence Informatics (CSI-KDD)*, held in conjunction with SIGKDD'09 (100 p.).
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- IP17 Moens, M.-F. (2003). Interrogating Legal Documents. The Future of Legal Information Systems? In *Proceedings of the JURIX 2003 Workshop on Question Answering for*

Interrogating Legal Documents, Utrecht University, December 11, 2003 (pp. 19-30). Universiteit Utrecht, the Netherlands.

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- IP12 Moens, M.-F. (2002). What Information Retrieval Can Learn from Case-based Reasoning. In *Proceedings JURIX 2002: The Fifteenth Annual Conference (Frontiers in Artificial Intelligence and Applications 89)* (pp. 83-91). Amsterdam: IOS Press.
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- IP10 De Busser, R., Angheluta, R. & Moens, M.-F. (2002). Semantic Case Role Detection for Information Extraction. In *COLING 2002 Proceedings of the 19th International Conference on Computational Linguistics* (pp. 1198-1202). San Francisco: Morgan Kaufmann.
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- IP8 Moens, M.-F. & De Busser, R. (2001). Generic Topic Segmentation of Document Texts. In *Proceedings of the 24th ACM SIGIR Annual International Conference on Research and Development in Information Retrieval* (pp. 418-419). New York: ACM.
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- IP6 Moens, M.-F. & Dumortier, J. (1998). Automatic Abstracting of Magazine Articles: The Creation of 'Highlight' Abstracts. In *Proceedings of the 21st Annual International ACM-SIGIR Conference on Research and Development in Information Retrieval* (pp. 359-360). New York: ACM.
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- IP4 Moens, M.-F., Uyttendaele, C. & Dumortier, J. (1997). Abstracting of Legal Cases: The SALOMON Experience. In *Proceedings of the Sixth International Conference on Artificial Intelligence & Law* (pp. 114-122). New York: ACM.
- IP3 Uyttendaele, C., Moens, M.-F. & Dumortier, J. (1996). SALOMON: Abstracting of Legal Cases for Effective Access to Court Decisions. In R.W. van Kralingen, H.J. van den Herik, J.E.J. Prins, M. Sergot & J. Zeleznikow (Eds.), *Proceedings of JURIX '96 Ninth International Conference on Legal Knowledge Based Systems* (pp. 47-58). Tilburg: University Press.

- IP2 Moens, M.-F. (1994). The PARCOM Legal Expert System. In *Proceedings of the Fourth National Conference on Law, Computers and Artificial Intelligence* (pp. 123-135). Exeter: University of Exeter.
- IP1 Moens, M.-F., Lamiroy, M. & Dumortier, J. (1993). PARCOM: An Example of a Successful Legal Expert System. In G. Bargellini & S. Binazzi (Eds.), *Towards a Global Expert System in Law: A Glance at the Conference* (pp. 154-155). Firenze: Istituto per la documentazione giuridica of the CNR.

Book chapters

- B24 Moens, M.-F. (2010). Exploring Text Corpora. In G. Scheffbeck (Ed.), *Festschrift in honour of Erich Schweighofer* (in press).
- B23 Moens, M.-F. (2010). Information Extraction from Text and Beyond. In P.M. McCarthy & C. Boonthum (Eds.), *Applied Natural Language Processing and Content Analysis: Identification, Investigation, and Resolution*. Hershey, PA: IGI Global. (invited chapter)
- B22 Wyner, A., Mochales-Palau, R., Moens, M.-F. & Milward, D. (2010). Approaches to Text Mining Arguments from Legal Cases. In E. Francesconi, S. Montemagni, W. Peters & D. Tiscornia (Eds.), *Semantic Processing of Legal Texts: Where the Language of Law Meets the Law of Language (Lecture Notes in Artificial Intelligence 6036)* (pp. 60-79). Berlin: Springer.
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- BC20 Moens, M.-F. (2009). Accessing Information in Semi-Structured Documents: Research Avenues. In M. Tadić, B. Dalbelo Bašić & M.-F. Moens (Eds.), *Technologies for Processing and Retrieval of Semi-Structured Documents*. Zagreb: Croatian Language Technologies Society.
- BC19 Boiy, E. & Moens, M.-F. (2009). Feature Selection for Document Categorization. In M. Tadić, B. Dalbelo Bašić & M.-F. Moens (Eds.), *Technologies for Processing and Retrieval of Semi-Structured Documents*. Zagreb: Croatian Language Technologies Society.
- BC18 Mijić, J., Moens, M.-F. & Dalbelo Bašić, B. (2009). CADIAL Search Engine at INEX. In M. Tadić, B. Dalbelo Bašić & M.-F. Moens (Eds.), *Technologies for Processing and Retrieval of Semi-Structured Documents*. Zagreb: Croatian Language Technologies Society.
- BC17 Šilić, A., Moens, M.-F., Žmak, L. & Dalbelo Bašić, B. (2009). Comparing Document Classification Schemes Using K-Means Clustering. In M. Tadić, B. Dalbelo Bašić & M.-F. Moens (Eds.), *Technologies for Processing and Retrieval of Semi-Structured Documents*. Zagreb: Croatian Language Technologies Society.
- BC16 Moens, M.-F. (2009). Information Extraction from Blogs. In B.J. Jansen, A. Spink, I. Taksa (Eds.), *Handbook of Research on Web Log Analysis* (pp. 469-487). Hershey, PA: IGI Global. (invited chapter)
- BC15 Mochales Palau, R. & Moens, M.-F. (2008). Automatic Argumentation Detection and Its Role in the Semantic Web. In J. Breuker, P. Casanovas, M. Klein & E. Francesconi (Eds.), *Law, Ontologies and the Semantic Web (Frontiers in Artificial Intelligence and Applications)* (pp. 115-129). Amsterdam: IOS Press.
- BC14 Moens, M.-F. (2007). Belastingrobots. In *Liber Amicorum Frans Vanistendael, Intersentia*.
- BC13 Dalbelo Bašić, B., Tadić, M. & Moens, M.-F. (2007). Computer Aided Indexing. In J. Van Nieuwenhove & P. Popelier (Eds.), *Toegang tot de wet* (pp. 107-117). Brugge: Die Keure.

- BC12 Moens, M.-F. (2007). Legislation and Informatics. In L. Wintgens (Ed.), *Legislation in Context (Applied Legal Philosophy Series)* (pp. 171-185). Aldershot, UK: Ashgate.
- BC11 Moens, M.-F. (2005). Improving Access to Legal Information: How Drafting Systems Help. In A. Oskamp & A. Lodder (Eds.), *Information Technology for the Legal Professional* (pp. 131-151). Berlin: Springer.
- BC10 Moens, M.-F. (2004). The E-Lex Project or How to Improve the Access to Law. In E. Schweighofer, D. Liebwald, G. Kreuzbauer & T. Menzel (Eds), *Informationstechnik in der Juristischen Realität, Aktuelle Fragen zur Rechtsinformatik 2004, Schriftenreihe Rechtsinformatik Bd 9* (pp. 259-268). Wien: Verlag Österreich.
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- BC8 Moens, M.-F. (2003). Legislative Databases and the Retrieval of Legislation. In M.-F. Moens (Ed.), *Digitale wetgeving, Digital Legislation* (pp. 149-173). Brugge: Die Keure.
- BC7 Moens, M.-F. (2003). Digitale wetgeving: inleiding. In M.-F. Moens (Ed.), *Digitale wetgeving, Digital Legislation* (pp. 1-15). Brugge: Die Keure.
- BC6 Moens, M.-F. (2002). Automatisch samenvatten van rechterlijke uitspraken. In A. Oskamp & A. Lodder (Eds.), *Informatietechnologie voor juristen. Handboek voor de jurist in de 21ste eeuw* (pp. 203-218). Deventer: Kluwer.
- BC5 Van de Kerckhove, K., Logghe, M. & Moens, M.-F. (2000). Management of Consolidated Legislation in Belgium. In J. Dumortier, M. Taeymans & F. Robben (Eds.), *A Decade of Research @ the Crossroads of Law and ICT* (pp. 329-342). Gent: Larcier.
- BC4 Moens, M.-F. (2000). Managing the Information Overload by Automatically Indexing and Abstracting Document Texts. In J. Dumortier, M. Taeymans & F. Robben (Eds.), *A Decade of Research @ the Crossroads of Law and ICT* (pp. 171-186). Gent: Larcier.
- BC3 Moens, M.-F., Lamiroy, M. & Dumortier, J. (1996). PARCOM: An Example of a Successful Legal Expert System. In C. Ciampi, F. Socci Natali & G. Taddei Elmi (Eds.), *Verso un sistema esperto giuridico integrale TOMO II* (pp. 181-192). Padova: Casa Editrice Dott. Antonio Milani.
- BC2 Moens, M.-F. & Provoost, A. (1983). De voorstellingen op Syrisch-Palestijnse lampen. In A. Provoost, J. Vaes & J. Pelsmaekers (Eds.), *De materiële cultuur van de eerste christenen* (pp. 237-247). Leuven: Acco.
- BC1 Moens, M.-F. & Provoost, A. (1983). Vroegchristelijke voorstellingen op algemeen verspreide lampen. In A. Provoost, J. Vaes & J. Pelsmaekers (Eds.), *De materiële cultuur van de eerste christenen* (pp. 226-236). Leuven: Acco.

Abstracts in proceedings of international conferences and workshops

- A22 Pham, P., Deschacht, K., T., Tuytelaars, T. & Moens, M.-F. (2011). Automated Annotation of Video Using Language and Vision. In *Proceedings of the NIPS 2011 Workshop on Integrating Language and Vision*.
- A21 Kolomiyets, O. & Moens, M.-F. (2010). Recent Advances in Temporal Processing of Text. In *Proceedings CLIN 20 Meeting*. Utrecht University.
- A20 Boiy, E. & Moens, M.-F. (2009). Sentiment Analysis in Multilingual Web Texts. *Proceedings of the 10th Dutch-Belgium Information Retrieval Workshop*. Radboud University Nijmegen.
- A19 Pham, P. T., Moens, M.-F., Tuytelaars, T. (2010). Aligning Names and Faces. In *Proceedings*

of the 10th Dutch-Belgium Information Retrieval Workshop. Radboud University Nijmegen.

- A18 Moens, M.-F. (2009). Adding Structure to Semi-Structured Documents. In *Legal Knowledge Systems. Jurix 2009: The Twenty-Second Annual Conference* (pp IX). (Frontiers in Artificial Intelligence and Applications 205). Amsterdam: IOS Press. (abstract of keynote speech)
- A17 Mochales Palau, R. & Moens, M.-F. (2009). Argumentation Mining: The Detection, Classification and Structuring of Arguments in Text. In *Proceedings of the 21st Benelux Conference on Artificial Intelligence*.
- A16 De Smet, W. & Moens, M.-F. (2009). An Aspect Based Document Representation for Event Clustering. In *Proceedings CLIN 19 Meeting*. Rijksuniversiteit Groningen.
- A15 Lioma, C., Moens, M.-F., Gomez, J.-C., De Beer, J., Bergholz, A., Paass, G. & Horkan, P. (2008). Anticipating Hidden Text Salting in Emails. In *Proceedings of the 11th International Symposium of Recent Advances in Intrusion Detection (RAID) Massachusetts Institute of Technology (Lecture Notes in Computer Science 5230)* (pp. 396-397). Springer.
- A14 Deschacht, K. & Moens, M.-F. (2007). Automatic Text Analysis for Image Annotation. In *Proceedings of the 19th BeNeLux Conference on Artificial Intelligence BNAIC'06* (pp. 343-344). University of Utrecht, The Netherlands.
- A13 Mochales Palau, R. & Moens, M.-F. (2007). Automatic Detection of Arguments in Legal Texts. In *Proceedings of the 19th BeNeLux Conference on Artificial Intelligence BNAIC'06* (pp. 383-384). University of Utrecht, The Netherlands.
- A12 De Smet, W. & Moens, M.-F. (2007). Automatic Extraction of a Folksonomy from Noisy Texts. In *Proceedings CLIN 17 Meeting Leuven* (p. 12). K.U.Leuven.
- A11 Deschacht, K. & Moens, M.-F. (2006). Efficient Hierarchical Entity Classification Using Conditional Random Fields. In *Proceedings of the 18th BeNeLux Conference on Artificial Intelligence BNAIC'06* (pp. 369-370). University of Namur, Belgium.
- A10 Moens, M.-F. (2005). Information Synthesis: A Glance at the Future (abstract of keynote speech). In *Proceedings of the IJCAI 2005 Workshop on Knowledge and Reasoning for Answering Questions* (p. 97). International Joint Conference on Artificial Intelligence.
- A9 Moens, M.-F. (2005). Legislation and Informatics. In *Legisprudence Workshop at the XXII World Congress of Philosophy of Law and Social Philosophy, May 25-29, 2005* (p. 17). Granada, Spain.
- A8 Moens, M.-F. (2004). The E-Lex Project or How to Improve the Access to Law. In F. Lachmayer & E. Schweighofer (Eds.), *Proceedings Internationales Rechtsinformatik Symposium 2004 IRIS 2004, 26-28 Februar 2004, Universität Salzburg, Austria*.
- A7 Moens, M.-F. (2003). Accessibility of Historical Sources. *News from the Belgium-Netherlands Association for Artificial Intelligence*, 20 (4), 89-90.
- A6 Moens, M.-F. (2003). Report on the JURIX-2002 International Conference on Legal Knowledge Systems. *News from the Belgium-Netherlands Association for Artificial Intelligence*, 20 (3), 66-68.
- A5 Moens, M.-F. (2002). Feasibility of Reliable (Semi)-automatic Anonymizing of Court Decisions. *News from the Belgium-Netherlands Association for Artificial Intelligence*, 19 (4), 93-95.
- A4 De Busser, R., Angheluta, R. & Moens, M.-F. (2002). Semantic Case Role Detection: A First Evaluation. *Proceedings of CLIN Meeting Groningen*.
- A3 Moens, M.-F. (2000). Belgian Conference a First: Jurix 1999. *AI & Law News*, 5 (2), 1-2.
- A2 Moens, M.-F., Uyttendaele, C., Logghe, M., Van De Kerckhove, K. & Dumortier, J. (1999). Tools to Effectively Access the Content of Legal Texts. In H.J. Van den Herik, M.-F. Moens, J. Bing, B. Van Buggenhout, J. Zeleznikow & C. Grütters (Eds.), *Legal Knowledge Based Systems JURIX 1999: The Twelfth Conference* (p. 131). Nijmegen, The Netherlands: Gerard

Noodt Instituut (GNI).

- A1 Moens, M.-F. (1997). Praktische toepassingen van similariteiten tussen documenten. *News from the Belgium-Netherlands Association for Artificial Intelligence*, 14 (2), 44-45.

PATENTS

- A patent (together with Koen Deschacht) in the domain of automatic determination of context dependent hidden words distributions has been filed on 18/11/2009.
- A patent (together with Jan De Beer) in the domain of the inspection, filtering and processing of textual data in an adversary environment has been filed on 12/10/2007.

ORGANIZATION OF CONFERENCES AND WORKSHOPS

Organizing co-chair, area chair

- ACL 2013 51th Annual Meeting of the Association for Computational Linguistics, summer 2013 (member of coordinating committee).
- ECML/PKDD 2012 The European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases (ECML PKDD) (area chair).
- ADMA 2011 Seventh International Conference on Advanced Data Mining and Applications, December 17-19, 2011, Beijing, China (regional chair).
- KRAQ 2011 5th International Joint Conference on Natural Language Processing, Workshop on Knowledge and Reasoning for Answering Questions, November 12, 2011, Chiang Mai, Thailand (co-chair).
- SWSM 2011 34th Annual ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR 2011), Workshop on Social Web Search and Mining: Analysis under Crisis, July 28, 2011, Beijing, China (co-chair).
- FAM-LbR 2011 Twenty-second International Joint Conference on Artificial Intelligence (IJCAI-11), Workshop FAM-LbR Learning by Reading and its Applications in Intelligent Question-Answering, July 16-18, 2011, Barcelona, Spain (co-chair).
- ICAIL 2011 13th International ACM Conference on Artificial Intelligence and Law, June 8-12, 2011, Pittsburgh, USA (area chair).
- ACL 2010 48th Annual Meeting of the Association for Computational Linguistics, July 11-16, 2010, Uppsala, Sweden (member of coordinating committee).
- SIGIR 2010 33th Annual ACM SIGIR Conference on Research and Development in Information Retrieval, July 19-23, 2009, Geneva, Switzerland (area chair).
- KRAQ 2009 47th Annual Meeting of the Association for Computational Linguistics (ACL 2009): Workshop on Knowledge and Reasoning for Answering Questions, August 6, 2009, Singapore (co-chair).
- CIAM 2009 Twenty-first International Joint Conference on Artificial Intelligence (IJCAI-09) and The Association for the Advancement of Artificial Intelligence (AAAI): Workshop on Cross-media Information Access and Mining, July 13, 2009 Pasadena, CA (co-chair).
- CSI-KDD 2009 15th SIGKDD Conference on Knowledge Discovery and Data Mining (KDD 2009): ACM SIGKDD Workshop on Cybersecurity and Intelligence Informatics, June 28, 2009, Paris,

	France (co-chair).
KRAQ 2008	22 th International Conference on Computational Linguistics (COLING 2008): Workshop on Knowledge and Reasoning for Answering Questions, August 23, 2008, Manchester, UK (co-chair).
JURIX 2007	20 th Anniversary International Conference on Legal Knowledge and Information Systems, Workshop Multimedia and Law, December 12, 2007, Leiden, The Netherlands (co-chair).
DIR 2007	7 th Dutch-Belgian Information Retrieval Workshop, March 28-29, 2007, K.U.Leuven (co-chair).
TW	Workshop Toegang tot de wet, May 22, 2007 (co-chair).
KRAQ 2005	Nineteenth International Joint Conference on Artificial Intelligence: Workshop on Knowledge and Reasoning for Answering Questions, July 30, 2005, Edinburgh, UK (co-chair).
JURIX 2005	18 th Annual Conference on Legal Knowledge and Information Systems: At the Crossroads of Artificial Intelligence and E-government, December 8-10, 2005, Brussels, Belgium (co-chair).
TSB-04	42 th Annual Meeting of the Association for Computational Linguistics (ACL 2004) – Workshop Text Summarization Branches Out, July 25-26, 2004, Barcelona, Spain (co-chair).
JURIX 2003	Workshop Question Answering of Legal Documents, December 11, 2003, Utrecht, The Netherlands (co-chair).
DIR 2002	3 rd Dutch-Belgian Information Retrieval Workshop DIR-2002, December 6, 2002, K.U.Leuven (co-chair).
DW	Workshop Digitale wetgeving, May 31, 2002, K.U.Leuven (co-chair).

Member of program committee

- EACL 2012 (+ member of doctoral consortium PC), WWW 2012 (member of doctoral consortium PC), ECIR 2012.
- AIRS 2011, CIKM 2011, ECML-PKDD 2011, ICTIR 2011, EMNLP 2011, WI 2011, SIGIR 2011 (+ member of doctoral consortium PC), ACL-HLT 2011, ECIR 2011, CORIA 2011, ICAIL 2011, IRFC 2011, DIR 2011.
- SIGIR 2010, ACL 2010, COLING 2010, CORIA 2010, ECIR 2010, RIAO 2010, ITEC 2010, DIR 2010, IRFC 2010, CIKM 2010.
- MinUCS 2009, CIKM 2009, ACL 2009, EMNLP 2009, SIGIR 2009, CLIN 2009, ELPUB 2009, ICAIL 2009, CORIA 2009, BIS 2009, EACL 2009, ECIR 2009, DIR 2009.
- ACL 2008, RECITAL 2008, LREC 2008, ELPUB 2008, BIS 2008, DIR 2008, ECIR 2008, CORIA 2008.
- CLIN 2007, ECIR 2007, CORIA 2007, BIS 2007, ICAIL 2007, ELPUB 2007, LaTeCH 2007, SIGIR 2007, EMNLP-CoNLL 2007, JURIX 2007.
- DIR 2006, CORIA '06, KRAQ 2006, ECIR 2006, TALN 2006, BIS 2006, HLT- NAACL 2006, ELPUB 2006, COLING/ACL 2006, BNAIC'06.
- ACL 2005, SIGIR 2005.
- BIS 2004, ELPUB 2004.

ACTIVITIES IN SCIENTIFIC COMMITTEES AND BOARDS

Member of scientific committees, boards and councils

- **Chair** of the *European Chapter of the Association for Computational Linguistics* and member of the executive board of the *Association for Computational Linguistics*: 2011 - 2012.
- Member of the Research Council of the Katholieke Universiteit Leuven, Belgium: 2010 - .
- **Chair-elect** of the *European Chapter of the Association for Computational Linguistics*: 2009 - 2010.
- Member of the executive board of the *International Association for Artificial Intelligence and Law*: 2007 - .
- Member of the research community CLIF (*Computational Linguistics in Flanders*), Belgium: 2007 - .
- *Member of the working group Flankerend Beleid Stevin*, NWO, The Netherlands and EWI, Belgium: 2007- 2011.
- Member of the board of the *Dutch-Belgian Association for Information Science*: 2006 - .
- Member of the board of the *BNVKI Benelux Association for Artificial Intelligence*: 2006 - 2010.
- Member of the steering committee of the annual *Document Understanding Conference* (DUC) organized by the *National Institute of Standards and Technology* (NIST), USA as part of the DARPA (Defense Advanced Research Projects Agency) program TIDES (Translingual Information Detection, Extraction, and Summarization): 2004-2007.
- Member of the study group *Legal Tools Project* of the *International Criminal Court* in Den Haag, The Netherlands: 2005 - 2007.
- Member of the Belgian *Interuniversitair Centrum voor Wetgeving* (Interuniversity Centre for Legislation): 2004 -2007.
- Member of the board of the *JURIX Foundation for Legal Knowledge Systems*, The Netherlands, function: scientific coordinator: 2002-2005.
- **Chair** of the committee of the biannual Master thesis award in the field of legal informatics offered by the *JURIX Foundation for Legal Knowledge Systems*: 2002-2005.
- Member of the focus group *Globale Vlaamse coördinatie en codificatie* (Global Flemish coordination and codification) of the Flemish government, which aims at the legal-technical simplification of Flemish legislation and regulation: 2003.

Editorial activities

Section editor of the journal:

- *Artificial Intelligence and Law* (Springer): NLP and text processing: 2010 - .

Member of the editorial board of the journal:

- *Computational Linguistics in the Netherlands*: 2011 - .
- *Newsletter of the Belgian-Dutch Association for Artificial Intelligence*: 2001-2005.

Guest editor of the special issue on:

- Question answering of the journal *Information Processing & Management* (Elsevier), 2011.

Refereeing activities

- Member of numerous program committees of international conferences and workshops (see above).

- **Reviewer of publications in international journals**

ACM Transactions on Asian Language Information Processing	2006
ACM Transactions on Information Systems	2010, 2011
Artificial Intelligence and Law	2005, 2007, 2008, 2009, 2010
Artificial Intelligence in Medicine	2004
Computational Linguistics	2010
Elsevier Science	2005
EURASIP Journal on Image and Video Processing	2010
Data and Knowledge Engineering	2009, 2010
Data Mining and Knowledge Discovery	2006
IEEE Intelligent Systems	2005
IEEE Transactions on Affective Computing	2010
IEEE Transactions on Fuzzy Systems	2005
IEEE Transactions on Knowledge and Data Engineering	2005
IEEE Transactions on Multimedia	2011
IET Information Security	2009
Information-Interaction-Intelligence: A Journal in Information Engineering Sciences	2007
Information Processing & Management	2003, 2004, 2005, 2006, 2007, 2009, 2010
Information Retrieval	2009
Information Sciences	2005, 2007
International Journal Human-Computer Studies	2003
International Journal of Information Technology & Decision Making	2009
Journal of Artificial Intelligence Research	2004
Journal of Logic and Algebraic Programming	2010
Journal of Natural Language Engineering	2006
Journal of Zhejiang University Science	2005
Knowledge and Information Systems	2009, 2011
Multimedia Tools and Applications	2009, 2010
Traitement Automatique des Langues	2010

- **Projects and project proposal evaluations**

Since 2001 evaluator for:

Agence Nationale de la Recherche (ANR), France
 Czech Science Foundation
 Fonds voor Wetenschappelijk Onderzoek (FWO)
 Instituut ter bevordering van het Wetenschappelijk Onderzoek en de Innovatie van Brussel (IWOIB), Belgium
 Nederlandse Organisatie voor Wetenschappelijk Onderzoek (NWO), The Netherlands
 Organization for innovation funding (name confidential), Belgium
 Technologiestichting STW, The Netherlands
 Vrije Universiteit Brussel, Belgium
 vsnu Vereniging van Universiteiten, The Netherlands.

Society memberships

- Member of the *IEEE Computer Society*: 2007 - .
- Member of the *Association for Computational Linguistics (ACL)*: 2002 - .

- Member of the *Association for Computing Machinery* (ACM): Special Interest Group Information Retrieval: 1998- .
- Member of the *Alumni Lovanienses Vereniging voor Wiskundigen, Natuurkundigen en Informatici Lovanienses* (VWNIL): 1998 -.

LANGUAGES

Fluent: Dutch, French, English.
Good: German.

WORK ADDRESS

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PERSONAL DATA

Blinded for privacy.