

# Curriculum Vitae (Revised: December 2015)

**Yannick Parmentier**

**Associate Professor in Computer Science**

Born in 1979 in Phalsbourg (Moselle), France

Université d'Orléans - Laboratoire d'Informatique Fondamentale d'Orléans (LIFO)  
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## Education

- 04/2007 **PhD in Computer Science**, thesis entitled "SemTAG: une plate-forme pour le calcul sémantique à partir de grammaires d'arbres adjoints", supervisor: Claire Gardent (DR CNRS), *University Henri Poincaré (Nancy)*.  
<http://hal.inria.fr/docs/00/14/25/43/PDF/these-yp.pdf>
- 07/2003 **MSc in Computer Science**, *University of Franche-Comté (Besançon)*, with honours.
- 06/2003 **Engineering degree in Computer Science** (*Diplôme d'Ingénieur*, 5<sup>th</sup> year diploma), major: software engineering, *University of Technology of Belfort-Montbéliard (Belfort)*.
- 06/2000 **Undergraduate studies in Mathematics and Computer Science** (French DEUG MIAS), *University Louis Pasteur (Strasbourg)*, with honours.
- 06/1998 **French Preparatory School to Grandes Écoles** (MPSI), *Lycée Kléber (Strasbourg)*.
- 06/1997 **French Baccalauréat**, major: mathematics, *Lycée Mangin (Sarrebouurg)*, with honours.

## Professional Experience

- 09/2009- **Associate Professor** in Computer Science (CNU Section 27), *University of Orléans*
- 09/2008 - 08/2009 **Teaching Fellow** in Computer Science (full-time), *University Henri Poincaré (Nancy)*
- 04/2008 - 08/2008 **Research Engineer**, *Centre National de la Recherche Scientifique, LORIA (Nancy)*
- 07/2007 - 03/2008 **Postdoctoral Researcher**, Emmy Noether project, *Collaborative Research Center 441, University of Tübingen (Germany)*
- 10/2006 - 06/2007 **Teaching Fellow** in Computer Science (half-time), *École Supérieure des Sciences et Technologies de l'Ingénieur de Nancy (ESSTIN), University Henri Poincaré (Nancy)*
- 10/2003 - 09/2006 **PhD candidate**, TALARIS INRIA project, *LORIA laboratory (Nancy)*

## Participation to research projects

- **PARSEME-FR (ANR-14-CERA-001)** (financial support: ANR)  
2016 – 2019 (<http://www.agence-nationale-recherche.fr/?Project=ANR-14-CERA-0001>) French spin-off of the PARSEME European Action.
- **COST Action PARSEME (IC 1207)** (financial support: European Science Foundation)  
2013 – 2016 ([http://www.cost.eu/domains\\_actions/ict/Actions/IC1207](http://www.cost.eu/domains_actions/ict/Actions/IC1207)) PARSing and Multi-word Expressions. Towards linguistic precision and computational efficiency in natural language processing.
- **ARC Mosaïque** (financial support: INRIA)  
2006 – 2007 (<http://mosaique.labri.fr>) Definition of high-level syntactic formalisms, allowing for a better reuse and comparison of linguistic resources.
- **Eine lexikalisierte Baumgrammatik für ein Fragment des Deutschen** (financial support: DFG)  
2005 – 2010 (<http://www.sfs.uni-tuebingen.de/emmy/index-en.html>) Metagrammars for the TT-MCTAG formalism, parsing of mildly context-sensitive languages.

## Languages

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- French (native), English (fluent), German (good knowledge), Spanish (basic notions), Russian (basic notions)
- French Sign Language (level 4 at [URAPEDA](#))

## Teaching

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- 09/2009 - **University of Orléans** (University Institute of Technology): object-oriented programming (Java), Version Control Systems, Databases, Bash programming, IDE, UML (192h+/year).
- 09/2008 - 08/2009 **University Henri Poincaré** (Department of Computer Science): functional and imperative programming (Caml, 140h ; Perl, 18h), programming environments (bash, 12h), tree and graph algorithmics (Java, 26h).
- 09/2007 - 02/2008 **University of Tübingen** (Department of Linguistics): Information Retrieval (58h).
- 09/2006 - 06/2007 **University Henri Poincaré** (ESSTIN): object-oriented programming (Java, 104h).
- 09/2003 - 08/2006 **University Henri Poincaré** (Department of Computer Science): functional and imperative programming (OCaml, 100h), databases (SQL, 20h), object-oriented programming (Java, 36h), automatic corpus extraction from internet (Perl, 36h).

## Scientific community services

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- Local organizer **ESLLI 2004**, <http://esslli2004.loria.fr>, internal liaison.  
**DIALOR 2005**, <http://dialor05.loria.fr>, webmaster.  
**XMG 2007**, <https://sourcesup.renater.fr/xmg/WSP-XMG>, local chair.  
**CSLP 2012**, <http://www.univ-orleans.fr/lifo/evenements/CSLP2012/>, local co-chair.
- PC Member **ACL 2008** (Student Research Workshop), **LREC 2010**, **TALN 2011**, **LREC 2012**, **TALN 2012**, **CSLP 2012** (PC co-chair), **TALN 2013**, **MWE 2013**, **HMGE 2013** (PC co-chair), **LREC 2014**, **TALN 2014**, **MWE 2014**, **ESLLI StuS 2014**, **GEAF 2015** (SC member), **TALN 2015**, **MUMTTT 2015**, **ESLLI StuS 2015**, **HyTra 2015**, **LREC 2016**.
- Reviewer Journal *Traitement Automatique des Langues*, Vol. 51(1), 2010 ; Vol. 52(1), 2011 ; Vol. 54(1), 2013.  
Journal of Language Modelling, Vol. 3(1), 2015.
- Guest Editor *Lecture Notes in Computer Science*, Vol. 8114, *7th International Workshop on Constraint Solving and Language Processing (CSLP'12). Selected and Revised Papers*, Springer, 2013.  
*Journal of Language Modelling*, Special Issue on High-level Methodologies for Grammar Engineering, Vol. 3(1), June 2015 (together with Denys Duchier).
- Publication Chair 14th Conference of the European Chapter of the Association for Computational Linguistics (EACL'14), Gothenburg, Sweden, April 2014 (together with Gosse Bouma).
- External Expert European Cooperation in Science and Technology (COST) Open Call, March 2015.

## References

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| Denys Duchier<br>LIFO - Université d'Orléans<br>Bâtiment IIIA<br>Rue Léonard de Vinci, B.P. 6759<br>F-45067 Orléans Cedex 2<br>Tel: (+33) (0)2 38 41 72 67<br><a href="mailto:denys.duchier@univ-orleans.fr">denys.duchier@univ-orleans.fr</a> | Claire Gardent<br>CNRS - LORIA<br>Projet SYNALP-Bâtiment B<br>BP 239 - Campus Scientifique<br>F-54506 Vandoeuvre-lès-Nancy<br>Tel: +33 (0)3 83 59 20 39<br><a href="mailto:claire.gardent@loria.fr">claire.gardent@loria.fr</a> | Laura Kallmeyer<br>Heinrich Heine Universität Düsseldorf<br>Institut für Sprache und Information<br>Universitätsstr. 1,<br>D-40225 Düsseldorf<br>Tel: +49 211 81-12554<br><a href="mailto:kallmeyer@phil.uni-duesseldorf.de">kallmeyer@phil.uni-duesseldorf.de</a> |
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## Supervised students

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- Brice Ambrosiak* Internship, Licence 3 Mathématiques-Informatique (Undergraduate Studies in Computer Science - 3<sup>rd</sup> year), Université Henri Poincaré, Nancy, 01/06/2007 - 31/07/2007
- Johannes Dellert* Hilfwissenschaftler (assistant scientist), BA in Computational Linguistics, Universität Tübingen, co-supervision with Laura Kallmeyer, 01/09/2007 - 31/01/2008

<i>Kilian Evang</i>	Hilfswissenschaftler (assistant scientist), BA in Computational Linguistics, Universität Tübingen, co-supervision with Wolfgang Maier, 01/02/2008 - 30/06/2008
<i>Simon Petitjean</i>	MSc in Computer Science, Université d'Orléans, 01/02/2010 - 30/06/2010, PhD in Computer Science, Université d'Orléans, co-supervision with Denys Duchier, 01/09/2010 - 11/12/2014
<i>Jakub Waszczuk</i>	PhD in Computer Science, Université François Rabelais de Tours, co-supervision with Agata Savary, 01/10/2013 - ongoing
<i>Chérifa Ben Khelil</i>	PhD in Computer Science, Université d'Orléans, Université de la Manouba (Tunis), co-supervision with Chiraz Zribi, Fériel Ben Fraj and Denys Duchier, 01/10/2015 - ongoing

## Talks

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- **Using deep grammars for semantics-based Machine Translation.** Talk given at the Computational Linguistics department of the Universität Zürich, Switzerland, 5 May 2015.
- **L'analyse basée sur les Grammaires de Propriétés vue comme un Problème d'Optimisation de Contraintes.** Talk given at the Computer Science Laboratory of the Université François Rabelais de Tours, Blois, France, 20 November 2014.
- **Pre-processing MWEs in TAG Parsing.** Talk given at the PARSEME 3rd General Meeting, Frankfurt-am-Main, Germany, 9 September 2014.
- **MWE in a French TAG.** Talk given at the PARSEME 2nd General Meeting, Athens, Greece, 10 March 2014.
- **Designing Lexicalized Tree-Adjoining Grammars.** Talk given at the Computer Science Laboratory of the Université François Rabelais de Tours, France, 22 February 2012.
- **Model-Theory and Implementation of Property Grammar with Features.** Talk given at the Computational Linguistics Department of the Heinrich Heine Universität, Düsseldorf, Germany, 14 February 2012.
- **Lexical Disambiguation in LTAG using Left Context.** Paper presented at the 5th International Language and Technology Conference (LTC 2011), Poznań, Poland, 25 November 2011.
- **Model-Theory of Property Grammar with Features.** Paper presented at the 12th International Conference on Parsing Technologies (IWPT 2011), Dublin, Ireland, 5 October 2011.
- **Metagrammars.** Talk given at the Computer Science Laboratory of the Polish Academy of Sciences (IPIPAN), Warsaw, Poland, 16 June 2011.
- **Une Modélisation des Grammaires de Propriétés sous forme de Problème de Satisfaction de Contraintes.** Talk given at the Infolingua seminar of the Gaspard Monge Computer Science Laboratory (LIGM), Marne-La-Vallée, France, 15 November 2010.
- **Une Modélisation des Grammaires de Propriétés sous forme de Problème de Satisfaction de Contraintes.** Talk given at the 6e Journée Informatique de la Région Centre. Bourges, France, 4 November 2010.
- **Property Grammar Parsing seen as a Constraint Optimization Problem.** Paper presented at the 15th international conference on Formal Grammar (FG 2010). Copenhagen, Denmark, 8 August 2010.
- **Les grammaires à concaténation d'intervalles : un formalisme pivot pour l'analyse syntaxique ?** Talk given at the 5e Journée Informatique de la Région Centre. Blois, France, 22 January 2010.
- **Using Gecode for instantiating RCG predicates.** Talk given in the NLP working group, Constraints and Machine Learning Team, LIFO, Orléans, France. 12 November 2009.
- **Un environnement pour le développement de grammaires à portée sémantique.** Talk given at the seminar of the TEXMEX group, IRISA, Rennes, France. 12 May 2009.
- **Un environnement pour le développement de grammaires à portée sémantique.** Talk given at the seminar of the Institut Gaspard Monge, Marne-La-Vallée, France. 28 April 2009.
- **Un environnement pour le développement de grammaires à portée sémantique.** Talk given at the seminar of the équipe BdTln - IUT de Blois, Blois, France. 9 April 2009.
- **Un environnement pour le développement de grammaires à portée sémantique.** Talk given at the seminar of the Laboratoire d'Informatique Fondamentale d'Orléans, Orléans, France. 6 April 2009.
- **TuLiPA: Towards a Multi-Formalism Parsing Environment for Grammar Engineering.** Invited talk given at the Collaborative Research Center 441 (SFB 441), Tübingen, Germany. 28 October 2008.
- **Using Constraints over Finite Sets of Integers for Range Concatenation Grammar Parsing.** Paper presented at the GoTAL conference, Göteborg, Sweden, 27 August 2008.
- **TuLiPA: Towards a Multi-Formalism Parsing Environment for Grammar Engineering.** Paper presented at the Grammar Engineering Across Frameworks workshop (GEAF 2008), Manchester, United-Kingdom, 24 August 2008.

- **TuLiPA: a Syntactic and Semantic Parsing Environment for Tree-based Grammars.** Invited talk given at the NaTAL workshop, Nancy, France, 26 June 2008.
- **Convertir des grammaires d'arbres adjoints à composantes multiples avec tuples d'arbres (TT-MCTAG) en grammaires à concaténation d'intervalles (RCG).** Paper presented at the Conference on Natural Language Processing (TALN 2008), best paper award, Avignon, France, 10 June 2008.
- **An environment for grammar engineering supporting different linguistic formalisms.** Invited talk given at the Centre for Language Technology, Göteborg, Sweden, 18 June 2007.
- **SemTAG, une architecture pour le développement and l'utilisation de grammaires d'arbres adjoints à portée sémantique.** Paper presented at the Conference on Natural Language Processing (TALN 2007), Toulouse, France, 5 June 2007.
- **XMG: eXtending MetaGrammars to MCTAG.** Paper presented at the workshop on high-level syntactic formalisms, Conference on Natural Language Processing (TALN 2007), Toulouse, France, 8 June 2007.
- **SemTAG - a platform for Semantic Construction with Tree Adjoining Grammars.** Invited talk given at the Collaborative Research Center 441 (SFB 441), Tübingen, Germany, 18 January 2007.
- **A constraint driven metagrammar.** Paper presented at the Workshop on Tree Adjoining Grammars and related formalisms TAG+8, Sydney, Australia, 15 July 2006.
- **eXtensible MetaGrammar.** Talk given with Claire Gardent and Joseph Le Roux. 1st Meeting of the INRIA research project Mosaique, LaBRI, Bordeaux, France, 8 March 2006.
- **Large scale semantic construction for Tree Adjoining Grammars.** Paper presented at the Conference on Logical Aspects of Computational Linguistics (LACL'2005), Bordeaux, France, 29 April 2005.
- **The Metagrammar Compiler: An NLP Application with a Multi-paradigm Architecture.** Paper presented at the 2nd international Oz/Mozart conference (MOZ'2004), Charleroi, Belgium, 7 October 2004.
- **Un compilateur de Méta-grammaires.** Talk given at the Langue and Dialogue Seminar, Madine, France, 6 June 2004.

## Publications

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### International journals with reviewing committee

- [J-1] Denys Duchier and Yannick Parmentier. *High-level methodologies for grammar engineering. Introduction to the special issue*, Journal of Language Modelling, Vol. 3, No. (1), Available at <http://jlm.ipipan.waw.pl/index.php/JLM/issue/archive>. Pp. 5-19. May 2015.
- [J-2] Denys Duchier, Thi-Bich-Hanh Dao and Yannick Parmentier. *Model-Theory and Implementation of Property Grammars with Features*, Journal of Logic and Computation, Vol. 24, No. (2), Special issue on "Grammar, Parsing and Recognition". Available at <http://logcom.oxfordjournals.org/content/24/2/491>, Oxford University Press (OUP): Policy A - Oxford Open Option A. Pp. 491-509. March 2014.
- [J-3] Benoît Crabbé, Denys Duchier, Claire Gardent, Joseph Le Roux and Yannick Parmentier. *XMG : eXtensible MetaGrammar*, Computational Linguistics, Vol. 39, No. (3), Massachusetts Institute of Technology Press (MIT Press): STM Titles. Pp. 591-629. September 2013.
- [J-4] Laura Kallmeyer, Wolfgang Maier, Yannick Parmentier and Johannes Dellert. *TuLiPA - Parsing Extensions of TAG with Range Concatenation Grammars*, Bulletin of the Polish Academy of Sciences : Technical Sciences, Vol. 58, No. (3), Available at [http://bulletin.pan.pl/\(58-3\)377.pdf](http://bulletin.pan.pl/(58-3)377.pdf). Pp. 377-392. 2010.
- [J-5] Laura Kallmeyer and Yannick Parmentier. *Convertir des grammaires d'arbres adjoints à composantes multiples avec tuples d'arbres (TT-MCTAG) en grammaires à concaténation d'intervalles (RCG)*, Traitement Automatique des Langues, Vol. 50, No. (1), Available at <http://www.atala.org/IMG/pdf/TAL-2009-50-1-09-Kallmeyer.pdf>, ATALA. Pp. 227-255. 2009.

### Edited books

- [B-6] *Proceedings of the Grammar Engineering Across Frameworks (GEAF) 2015 Workshop*, Available at <http://www.aclweb.org/anthology/W/W15/W15-33.pdf>, Bender, Emily and Levin, Lori and Müller, Stefan and Parmentier, Yannick and Ranta, Aarne ed., Association for Computational Linguistics. Beijing, China. July 2015.

- [B-7] *Proceedings of the 14th Conference of the European Chapter of the Association for Computational Linguistics*, Available on-line at <http://www.aclweb.org/anthology/E/E14/#4000>, Gosse Bouma and Yannick Parmentier ed., The Association for Computational Linguistics. Gothenburg, Sweden. Pp. 751. April 2014.
- [B-8] *7th International Workshop on Constraint Solving and Language Processing (CSLP'12). Selected and Revised Papers*, Lecture Notes in Computer Science. Volume 8114. Available at <http://www.springer.com/computer/theoretical+computer+science/book/978-3-642-41577-7>, Denys Duchier and Yannick Parmentier ed., Springer. Pp. 179. September 2013.
- [B-9] *Proceedings of the ESSLLI 2013 Workshop: High-level Methodologies for Grammar Engineering (HMGE'13)*, Available on-line at <https://www.univ-orleans.fr/lifo/evenements/HMGE13/>, Denys Duchier and Yannick Parmentier ed., LIFO. Pp. 131. August 2013.
- [B-10] *Proceedings of the Seventh International Workshop on Constraint Solving and Language Processing (CSLP'12)*, Available on-line at <https://www.univ-orleans.fr/lifo/evenements/CSLP2012/>, Denys Duchier and Yannick Parmentier ed., LIFO. Pp. 120. September 2012.

### Book chapters

- [B-11] Benoît Crabbé, Denys Duchier, Yannick Parmentier and Simon Petitjean. *Constraint-driven Grammar Description*, Constraints and Language, Philippe Blache and Henning Christiansen and Verónica Dahl and Denys Duchier and Jørgen Villadsen ed., Cambridge Scholar Publishing. Pp. 93-121. October 2014.
- [B-12] Claire Gardent, Yannick Parmentier, Guy Perrier and Sylvain Schmitz. *Lexical Disambiguation in LTAG using Left Context*, Vol. 8387, Human Language Technology. Challenges for Computer Science and Linguistics. 5th Language and Technology Conference, LTC 2011, Poznan, Poland, November 25-27, 2011, Revised Selected Papers, Zygmunt Vetulani and Joseph Mariani ed., Springer. Pp. 67-79. July 2014.

### Thesis

- [TH-13] Yannick Parmentier. *SemTAG : une plate-forme pour le calcul sémantique à partir de Grammaires d'Arbres Adjoints*, Thèse de Doctorat. Université Henri Poincaré - Nancy I. April 2007.

### Refereed international conferences and workshops

- [IC-14] Agata Savary, Manfred Sailer, Yannick Parmentier, Michael Rosner, Victoria Rosén, Adam Przepiórkowski, Cvetana Krstev, Veronika Vincze, Beata Wójtowicz, Gyri Smørdal Losnegaard, Carla Parra Escartín, Jakub Waszczuk, Matthieu Constant, Petya Osenova and Federico Sangati. *PARSEME – PARSing and Multi-word Expressions within a European multilingual network*, 7th Language & Technology Conference: Human Language Technologies as a Challenge for Computer Science and Linguistics (LTC 2015). Poznań, Poland. November 2015.
- [IC-15] Denys Duchier, Brunelle Magnana Ekoukou, Yannick Parmentier, Simon Petitjean and Emmanuel Schang. *Describing Morphologically-rich Languages using Metagrammars: a Look at Verbs in Ikota*, Workshop on "Language technology for normalisation of less-resourced languages", 8th SALT MIL Workshop on Minority Languages and the 4th workshop on African Language Technology, Available on-line at <http://aflat.org/files/saltmil8-aflat2012.pdf>. Istanbul, Turkey. Pp. 55-60. May 2012.
- [IC-16] Claire Gardent, Yannick Parmentier, Guy Perrier and Sylvain Schmitz. *Lexical Disambiguation in LTAG using Left Context*, 5th Language & Technology Conference - LTC'11. Poznań, Poland. Pp. 395-399. November 2011.
- [IC-17] Denys Duchier, Thi-Bich-Hanh Dao and Yannick Parmentier. *Model-Theory of Property Grammars with Features*, 12th International Conference on Parsing Technologies (IWPT 2011), Short paper. Available at <http://aclweb.org/anthology-new/W/W11/W11-2910.pdf>. Dublin, Ireland. Pp. 75-79. October 2011.

- [IC-18] Denys Duchier, Yannick Parmentier and Simon Petitjean. *Cross-framework Grammar Engineering using Constraint-driven Metagrammars*, 6th International Workshop on Constraint Solving and Language Processing (CSLP'11), Computer science research report 134, Roskilde University. Karlsruhe, Germany. Pp. 32-43. September 2011.
- [IC-19] Denys Duchier, Thi-Bich-Hanh Dao, Yannick Parmentier and Willy Lesaint. *Property Grammar Parsing Seen as a Constraint Optimization Problem*, Proceedings of the 15th International Conference on Formal Grammar (FG 2010), Philippe de Groote, Mark-Jan Nederhof (Eds.): Formal Grammar - 15th and 16th International Conferences, FG 2010, Copenhagen, Denmark, August 2010, FG 2011, Ljubljana, Slovenia, August 2011, Revised Selected Papers. Lecture Notes in Computer Science 7395 Springer 2012, ISBN 978-3-642-32023-1, available on-line at <http://www.springerlink.com/content/978-3-642-32023-1/>. Copenhagen, Denmark. Pp. 82-96. August 2010.
- [IC-20] Laura Kallmeyer, Wolfgang Maier and Yannick Parmentier. *An Earley Parsing Algorithm for Range Concatenation Grammars*, Joint conference of the 47th Annual Meeting of the Association for Computational Linguistics and the 4th International Joint Conference on Natural Language Processing of the Asian Federation of Natural Language Processing (ACL-IJCNLP 2009), Short paper. Available at <http://aclweb.org/anthology-new/P/P09/P09-2003.pdf>. Suntec, Singapore. Pp. 9-12. August 2009.
- [IC-21] Yannick Parmentier and Wolfgang Maier. *Using Constraints over Finite Sets of Integers for Range Concatenation Grammar Parsing*, Proceedings of the 6th International Conference on Natural Language Processing, GoTAL 2008, Advances in Natural Language Processing, Preprint version available at <http://sourcesup.cru.fr/tulipa/yannick/papers/gotal08.pdf>, Bengt Nordström, Aarne Ranta ed., Springer Berlin-Heidelberg. Gothenburg, Sweden. Pp. 360-365. August 2008.
- [IC-22] Laura Kallmeyer, Timm Lichte, Wolfgang Maier, Yannick Parmentier, Johannes Dellert and Kilian Evang. *TuLiPA: Towards a Multi-Formalism Parsing Environment for Grammar Engineering*, 2nd Workshop on Grammar Engineering Across Frameworks, GEAF 2008. Manchester, United Kingdom. August 2008.
- [IC-23] Laura Kallmeyer, Timm Lichte, Wolfgang Maier, Yannick Parmentier and Johannes Dellert. *Developing a TT-MCTAG for German with an RCG-based Parser*, The sixth international conference on Language Resources and Evaluation (LREC 08). Marrakech, Morocco. Pp. 782-789. May 2008.
- [IC-24] Laura Kallmeyer and Yannick Parmentier. *On the relation between Multicomponent Tree Adjoining Grammars with Tree Tuples (TT-MCTAG) and Range Concatenation Grammars (RCG)*, 2nd International Conference on Language and Automata Theory and Applications (LATA 2008). Tarragona, Spain. Pp. 263-274. March 2008.
- [IC-25] Joseph Le Roux, Benoît Crabbé and Yannick Parmentier. *A constraint driven metagrammar*, The Eighth International Workshop on Tree Adjoining Grammar and Related Formalisms (TAG+8). Sydney, Australia. Pp. 9-16. July 2006.
- [IC-26] Claire Gardent and Yannick Parmentier. *Large scale semantic construction for Tree Adjoining Grammar*, Vol. 3492, Logical Aspects in Computational Linguistics - LACL'05, Philippe Blache and Edward Stabler and Joan Busquets and Richard Moot ed., Springer. Pp. 131-146. 2005.
- [IC-27] Denys Duchier, Joseph Le Roux and Yannick Parmentier. *The MetaGrammar Compiler: An NLP Application with a Multi-paradigm Architecture*, Vol. 3389, Second International Mozart/Oz Conference - MOZ 2004, Springer Verlag. Charleroi, Belgium. Pp. 175-187. October 2004.

## Refereed national conferences and workshops

- [NC-28] Denys Duchier, Brunelle Magnana Ekoukou, Yannick Parmentier, Simon Petitjean and Emmanuel Schang. *Décrire la morphologie des verbes en ikota au moyen d'une métagrammaire*, 19e conférence sur le Traitement Automatique des Langues Naturelles (TALN 2012) - Atelier sur le traitement automatique des langues africaines (TALAf 2012), Association pour le Traitement Automatique des Langues. This article has been published in the Proceedings of the JEP-TALN-RECITAL 2012 conference. Available on-line at <http://www.jeptaln2012.org/actes/TALAF2012/TALAF2012-2012.pdf>. Grenoble, France. Pp. 97-106. June 2012.
- [NC-29] Denys Duchier, Thi-Bich-Hanh Dao and Yannick Parmentier. *Analyse Syntaxique par Contraintes pour les Grammaires de Propriétés à Traits*, Huitièmes Journées Francophones de Programmation par Contraintes (JFPC 2012), Proceedings available on-line at <http://conf.laas.fr/jfpc-jiaf2012/jfpc/presentations/ActesJFPC2012cover.pdf>. Toulouse, France. Pp. 101-106. May 2012.

- [NC-30] Denys Duchier, Thi-Bich-Hanh Dao, Yannick Parmentier and Willy Lesaint. *Une modélisation en CSP des grammaires de propriétés*, JFPC 2010 - Sixièmes Journées Francophones de Programmation par Contraintes. Caen, France. Pp. 123-132. June 2010.
- [NC-31] Laura Kallmeyer and Yannick Parmentier. *Convertir des grammaires d'arbres adjoints à composantes multiples avec tuples d'arbres (TT-MCTAG) en grammaires à concaténation d'intervalles (RCG)*, 15e Conférence sur le Traitement Automatique des Langues Naturelles - TALN 2008. Avignon, France. Pp. 10. June 2008.
- [NC-32] Claire Gardent and Yannick Parmentier. *SemTAG, une architecture pour le développement et l'utilisation de grammaires d'arbres adjoints à portée sémantique*, 14e Conférence sur le Traitement Automatique des Langues Naturelles - TALN 2007. Toulouse, France. Pp. 175-184. June 2007.
- [NC-33] Yannick Parmentier, Laura Kallmeyer, Timm Lichte and Wolfgang Maier. *XMG: eXtending MetaGrammars to MCTAG*, Conférence sur le Traitement Automatique des Langues Naturelles - TALN 2007, Atelier sur les formalismes syntaxiques de haut niveau. Toulouse, France. Pp. 473-482. June 2007.
- [NC-34] Denys Duchier, Joseph Le Roux and Yannick Parmentier. *XMG : Un Compilateur de Méta-Grammaires Extensible*, 12e Conférence Annuelle sur le Traitement Automatiques des Langues Naturelles - TALN 2005, 12e Conférence Annuelle sur le Traitement Automatiques des Langues Naturelles - TALN 2005. Dourdan, France. Pp. 13-22. June 2005.

### Refereed poster or demo sessions

- [P-35] Emmanuel Schang, Denys Duchier, Brunelle Magnana Ekoukou, Yannick Parmentier and Simon Petitjean. *Describing São Tomense Using a Tree-Adjoining Meta-Grammar*, 11th International Workshop on Tree Adjoining Grammars and Related Formalisms (TAG+11), Poster session. Paris, France. Pp. 82-89. September 2012.
- [P-36] Denys Duchier, Yannick Parmentier and Simon Petitjean. *Metagrammars as Logic Programs*, 7th International Conference on Logical Aspects of Computational Linguistics (LACL 2012, demo session), In Proceedings of the demo session. Nantes, France. Pp. 1-4. July 2012.
- [P-37] Laura Kallmeyer, Wolfgang Maier and Yannick Parmentier. *Un Algorithme d'Analyse de Type Earley pour Grammaires à Concaténation d'Intervalles*, Conférence sur le Traitement Automatique des Langues Naturelles - TALN'09, Session poster. Senlis, France. Pp. 10. June 2009.
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