

Yannick Parmentier

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Associate Professor in Computer Science, University of Lorraine / LORIA laboratory, Nancy, France

Born in 1979 in Phalsbourg (Moselle), France.

Education

- 2003 - 2007 **PHD IN COMPUTER SCIENCE** *University Henri Poincaré, Nancy (FR)*
Thesis title: *SemTAG: une plate-forme pour le calcul sémantique à partir de grammaires d'arbres adjoints*, supervisor: Claire Gardent (CNRS).
- 2002 - 2003 **MSC IN COMPUTER SCIENCE** (fka DEA) *University of Franche-Comté, Besançon (FR)* (with honours)
Thesis title: *Méta-grammaire et calcul sémantique pour les grammaires d'arbres adjoints*, supervisors: Bertrand Gaiffe (CNRS) and Claire Gardent (CNRS).
- 2000 - 2003 **ENGINEERING DEGREE IN COMPUTER SCIENCE** *University of Technology of Belfort-Montbéliard (FR)*
5th year diploma with a major in Software Development.
- 1998 - 2000 **UNDERGRADUATE STUDIES IN MATHEMATICS AND COMPUTER SCIENCE** (fka DEUG) *University Louis Pasteur, Strasbourg (FR)* (with honours)
- 1997 - 1998 **HIGHER SCHOOL PREPARATORY CLASSES** (MPSI) *Lycée Kléber, Strasbourg (FR)*
- 1998 **BACCALAURÉAT** (fka Série S) *Lycée Mangin, Sarrebourg (FR)* (with honours)
High-school graduation with a major in Mathematics.

Work

- 2017 - **ASSOCIATE PROFESSOR IN COMPUTER SCIENCE** *University of Lorraine (FR)*
Affiliated with the School of Education (ESPE).
- 2009 - 2017 **ASSOCIATE PROFESSOR IN COMPUTER SCIENCE** *University of Orléans (FR)*
Affiliated with the University Institute of Technology (IUT).
- 2008 - 2009 **TEACHING FELLOW IN COMPUTER SCIENCE (FULL-TIME)** *Nancy University (FR)*
Affiliated with the Faculty of Sciences.
- 2007 - 2008 **POST-DOCTORAL RESEARCHER** *University of Tübingen (DE)*
Working within Laura Kallmeyer's Emmy-Noether Project.

Teaching

- 2017 - **MA in Education**, School of Education, University of Lorraine (192h+/year)
Digital tools for education, computer science unplugged, introduction to computing science.
- 2009 - 2017 **BSc in Computer Science**, University Institute of Technology, University of Orléans (192h+/year)
Object-oriented programming (Java), Version Control, Databases, Bash programming, IDE, UML.
- 2008 - 2009 **BSc in Computer Science**, Department of Computer Science, Nancy University (192h)
Functional and imperative programming (Caml, 140h ; Perl, 14h), programming environments (bash, 12h), tree and graph algorithmics (Java, 26h).
- 2007 - 2008 **BA in Computational Linguistics**, Department of Linguistics, University of Tübingen (58h)
Introduction to Information Retrieval.
- 2006 - 2007 **BSc in Electrical Engineering**, Polytech Nancy (96h)
Introduction to object-oriented programming (Java).
- 2003 - 2006 **BSc in Computer Science**, Department of Computer Science, University Henri Poincaré (64h/year)
Functional and imperative programming (Caml, 100h), databases (SQL, 20h), object-oriented programming (Java, 36h), automatic corpus extraction from internet (Perl, 36h).

Languages

French	Mother tongue
English	Fluent, C2
German	Intermediate, B1
French Sign Language	Basic, A2

Projects

2018-2021	PIAF / 2018-1-BE01-KA-201-038611 (funding: EU / Erasmus+ program) Local coordinator (Principal Investigator: Brigitte Denis, University of Liège, CRIFA)	449,664 €
2016-2020	PARSEME-FR / ANR-14-CERA-001 (funding: Agence Nationale pour la Recherche) Local coordinator (Principal Investigator: Mathieu Constant, University of Lorraine, ATILF)	732,000 €
2013-2017	PARSEME / IC 1207 (funding: EU / COST program) Principal Investigator (together with A. Patejuk, A. Przepiórkowski and A. Savary)	663,348 €

Community service

Local organizer	XMG 2017 (local chair), CSLP 2012 (local co-chair), XMG 2007 (local chair), DIALOR 2005 (webmaster), ESSLLI 2004 (internal liaison).
PC Member	ACL Rolling Review 2021 , EACL 2021 , TALN 2021 , WebNLG 2020 , LIFT 2020 , TALN 2020 , EMNLP 2020 , COLING Demo 2020 , ACL 2019 , NAACL 2019 , WinLP 2019 , TALN 2019 , TALN 2018 , RJC 2018 , WinLP 2018 , NAACL SRW 2018 , TALN 2017 , RECITAL 2017 (PC co-chair), MWE 2017 , ACL SRW 2017 , AICCSA 2017 , EACL SRW 2017 , EMNLP Demo 2017 , LREC 2016 , ACL SRW 2016 , ACL Demo 2016 , MWE 2016 , TALN 2016 , AIRIM 2016 , GEAF 2015 (SC member), TALN 2015 , MUMTTT 2015 , ESSLLI StuS 2015 , HyTra 2015 , LREC 2014 , TALN 2014 , MWE 2014 , ESSLLI StuS 2014 , TALN 2013 , MWE 2013 , HMGE 2013 (PC co-chair), LREC 2012 , TALN 2012 , CSLP 2012 (PC co-chair), TALN 2011 , LREC 2010 , ACL SRW 2008 .
Reviewer	<i>Journal of Logic, Language and Information</i> , Vol. 26(3), 2017. <i>Journal of Language Modelling</i> , Vol. 3(1), 2015. <i>Journal Traitement Automatique des Langues</i> , Vol. 62(3), 2021 ; Vol. 54(1), 2013 ; Vol. 52(1), 2011 ; Vol. 51(1), 2010.
Series Editor	<i>Phraseology and Multiword Expressions</i> , Language Science Press, Berlin (together with V. Rosén, M. Rosner, M. Sailer and A. Savary), 2016–2019.
Guest Editor	<i>Representation and parsing of multiword expressions</i> , <i>Phraseology and Multiword Expressions</i> , Vol. 3, Language Science Press, Berlin, 2019 (together with J. Waszczuk). <i>Journal of Language Modelling</i> , Special Issue on High-level Methodologies for Grammar Engineering, Vol. 3(1), 2015 (together with D. Duchier). <i>Lecture Notes in Computer Science</i> , Vol. 8114, <i>7th International Workshop on Constraint Solving and Language Processing (CSLP'12). Selected and Revised Papers</i> , 2013 (together with D. Duchier).
Publication Chair	<i>14th Conference of the European Chapter of the Association for Computational Linguistics (EACL'14)</i> , Gothenburg, Sweden, April 2014 (together with G. Bouma).
External Expert	<i>Appel à projets générique - Agence Nationale pour la Recherche (ANR)</i> , 2022. <i>Deutsche Forschungsgemeinschaft (DFG) "Research Software Sustainability" call</i> , May 2017. <i>European Cooperation in Science and Technology (COST) Open Calls</i> , March 2015, March 2016. <i>Consultative External Experts Committee (CCSU), Université Paris Sud</i> , Computer Science (CNU 27), Nov. 2013 – Nov. 2014.
Recruiting Committee Member	<i>University of Strasbourg</i> , Associate Professor in Computational Linguistics, Position 4494, 2018. <i>University of Orléans</i> , Associate Professor in Computer Science, Position 4256, 2016. <i>University of Tours</i> , Associate Professor in Computer Science, Position 4143, 2014.

Scientific mediation

2014 - 2020	<i>Computer Science Unplugged</i> training sessions, Maison pour la Science de Centre-Val-de-Loire
2011 - 2013	<i>Computer Science</i> group, Institut de Recherche sur l'Enseignement des Sciences (IRES), Orléans
2010 - 2016	<i>Lionel Martin Programming Contest</i> organizing committee, IUT d'Orléans

Software skills

- *Programming languages*: imperative programming (Bash, Perl, C), functional programming (Caml), object-oriented programming (Python, Java, C++), logic programming (Oz, Prolog), web programming (JS), domain-specific languages (XSLT, PL/SQL), description languages (\LaTeX , HTML, CSS)
- *Environments*: Linux, Mac OS X
- *Softwares*: Version Control Systems (Svn, Darcs, Bazaar, Git), Synchronisation tools (Unison, RClone), DataBase Management Systems (MySQL, Oracle, PostgreSQL), Content Management Systems (wikimedia, drupal, dokuwiki), Static Site Generators (Pelican, Mkdocs), Bibliography Management Systems (bib2html, biber)

Awards

2016	Invited researcher (délégation CNRS, half-time)
2016	Prime d'Encadrement Doctoral et de Recherche (PEDR)
2008	Best Paper at TALN 2008
2007	Short-term Research Grant A/06/71039 from the German Academic Exchange Service (DAAD)

References

Denys Duchier

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Laura Kallmeyer

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Institut für Sprache und Information
Universitätsstr. 1,
D-40225 Düsseldorf
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Supervised students

PhD candidates

Oct. 2017 - Feb. 2021	Anastasia Shimorina , PhD in Computational Linguistics, Université de Lorraine, co-supervision with Claire Gardent.
Oct. 2015 - June 2019	Cherifa Ben Khelil , PhD in Computer Science, Université d'Orléans, Université de la Manouba (Tunis), co-supervision with Denys Duchier and Chiraz Zribi.
Oct. 2013 - June 2017	Jakub Waszczuk , PhD in Computer Science, Université François Rabelais de Tours, co-supervision with Agata Savary.
Sep. 2010 - Dec. 2014	Simon Petitjean , PhD in Computer Science, Université d'Orléans, co-supervision with Denys Duchier.

Master students

May 2021 - Aug. 2021	Mathilde Aguiar , MSc in Computer Science (1 st year), Polytech Grenoble.
March 2021 - July 2021	Valadis Mastoras , MSc in Computational Linguistics (2 nd year), Université de Lorraine.
March 2020 - July 2020	William Soto , MSc in Computational Linguistics (1 st year), Université de Lorraine, co-supervision with Emmanuel Schang and Claire Gardent.
May 2018 - Aug. 2018	Laurine Jeannot , MSc in Computational Linguistics (1 st year), Université de Lorraine, co-supervision with Claire Gardent.
Feb. 2010 - June 2010	Simon Petitjean , MSc in Computer Science (2 nd year), Université d'Orléans, co-supervision with Denys Duchier.

Undergraduate students

April 2020 - July 2020	Paul Claude , Undergraduate studies in Computer Science, Université de Lorraine.
May 2018 - July 2018	Guilherme Razet , Undergraduate studies in Computer Science for Humanities, Université de Lorraine.
Feb. 2008 - June 2008	Kilian Evang , Hilfwissenschaftler (assistant scientist), BA in Computational Linguistics, Universität Tübingen, co-supervision with Wolfgang Maier.
Oct. 2007 - Feb. 2008	Johannes Dellert , Hilfwissenschaftler (assistant scientist), BA in Computational Linguistics, Universität Tübingen, co-supervision with Laura Kallmeyer.
April 2007 - Aug. 2007	Brice Ambrosiak , Undergraduate studies in Computer Science, Université Henri Poincaré.

Invited talks

- **La pensée informatique : une compétence transversale au service des savoirs fondamentaux.** Talk given together with Marie Duflot-Kremer at the triennial meeting of the school of education (RDV de l'INSPE), Maxéville, France, 27 november 2019 [slides].
- **Des machines intelligentes (ou du moins qui apprennent) ?** Talk given at the annual meeting of the association of Mathematics Teachers in Public Schools (Journée Régionale de l'Association des Professeur.e.s de Mathématiques de l'Enseignement Public, APMEP), Nancy, France, 20 March 2019 [slides].
- **Enseigner les sciences numériques : comprendre pour aider à apprendre.** Talk given at the "Education to" seminar from the School of Education (séminaire "Education à", ESPE de Lorraine), Montigny-les-Metz, France, 13 March 2019 [slides].
- **From Description Languages to Describing Description Languages.** Talk given at the TALC seminar of LORIA's D4 department, Nancy, France, 6 December 2017.
- **Grammaires formelles et traitement automatique des langues.** Talk given at the Laboratoire Ligérien de Linguistique (LLL, CNRS UMR 7270), Orléans, France, 22 September 2016.
- **Using deep grammars for semantics-based Machine Translation.** Talk given at the Computational Linguistics department of the Universität Zürich, Switzerland, 5 May 2015.
- **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.
- **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 Infilingu seminar of the Gaspard Monge Computer Science Laboratory (LIGM), Marne-La-Vallée, France, 15 November 2010.
- **Les grammaires de propriétés : un formalisme pour l'analyse syntaxique robuste.** Talk given at the Pole 3 (Pôle Sciences Économiques et de Gestion, Mathématiques, STIC et Linguistique) Day on Languages, Orléans, France, 7 October 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 laboratory, 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 BdTIn team, LI laboratory, University François Rabelais of Tours, 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.** Talk given at the Collaborative Research Center 441 (SFB 441), Tübingen, Germany, 28 October 2008.
- **SemTAG - a platform for Semantic Construction with Tree Adjoining Grammars.** Talk given at the Collaborative Research Center 441 (SFB 441), Tübingen, Germany, 18 January 2007.

Publications

International journals

- [J1] Anastasia Shimorina, Yannick Parmentier, and Claire Gardent. “An Error Analysis Framework for Shallow Surface Realisation”. In: *Transactions of the Association for Computational Linguistics* 9 (2021). URL: <https://hal.archives-ouvertes.fr/hal-03159422>.
- [J2] Marie Candito, Mathieu Constant, Carlos Ramisch, Agata Savary, Bruno Guillaume, Yannick Parmentier, and Silvio Ricardo Cordeiro. “A French corpus annotated for multiword expressions and named entities”. In: *Journal of Language Modelling* 8.2 (2020), pp. 415–479. DOI: [10.15398/jlm.v8i2.265](https://doi.org/10.15398/jlm.v8i2.265). URL: <https://hal.archives-ouvertes.fr/hal-03016721>.
- [J3] Chérifa Ben Khelil, Chiraz Zribi, Denys Duchier, and Yannick Parmentier. “Building a syntactic-semantic interface for a semi-automatically generated TAG for Arabic”. In: *International Arab Journal of Information Technology* (2018). URL: <https://hal.archives-ouvertes.fr/hal-01809771>.
- [J4] Denys Duchier and Yannick Parmentier. “High-level methodologies for grammar engineering. Introduction to the special issue”. In: *Journal of Language Modelling* 3.1 (May 2015), pp. 5–19. URL: <https://hal.archives-ouvertes.fr/hal-01153765>.
- [J5] Denys Duchier, Thi-Bich-Hanh Dao, and Yannick Parmentier. “Model-Theory and Implementation of Property Grammars with Features”. In: *Journal of Logic and Computation* 24.2 (Mar. 2014), pp. 491–509. DOI: [10.1093/logcom/exs080](https://doi.org/10.1093/logcom/exs080). URL: <https://hal.archives-ouvertes.fr/hal-00782398>.
- [J6] Benoît Crabbé, Denys Duchier, Claire Gardent, Joseph Le Roux, and Yannick Parmentier. “XMG : eXtensible MetaGrammar”. In: *Computational Linguistics* 39.3 (Sept. 2013), pp. 591–629. URL: <https://hal.archives-ouvertes.fr/hal-00768224>.
- [J7] Laura Kallmeyer, Wolfgang Maier, Yannick Parmentier, and Johannes Dellert. “TuLiPA - Parsing Extensions of TAG with Range Concatenation Grammars”. In: *Bulletin of the Polish Academy of Sciences: Technical Sciences* 58.3 (2010), pp. 377–392. URL: <https://hal.archives-ouvertes.fr/hal-00460709>.
- [J8] 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)”. In: *Traitement Automatique des Langues* 50.1 (2009), pp. 227–255. URL: <https://hal.archives-ouvertes.fr/inria-00380770>.

Books

- [B1] Julien Broisin, Christophe Declercq, Cédric Fluckiger, Yannick Parmentier, Yvan Peter, and Yann Secq, eds. *Actes de l’atelier APIMU 2021 @ EIAH : Apprendre la Pensée Informatique de la Maternelle à l’Université*. Atelier 11. Fribourg (virtuel), Switzerland: HAL, June 2021. URL: <https://hal.archives-ouvertes.fr/hal-03241714>.
- [B2] Thierry Poibeau, Yannick Parmentier, and Emmanuel Schang, eds. *Actes des 2èmes journées scientifiques du Groupement de Recherche Linguistique Informatique Formelle et de Terrain (LIFT)*. Montrouge, France: CNRS, Dec. 2020. URL: <https://hal.archives-ouvertes.fr/hal-03066031>.
- [B3] Yannick Parmentier and Jakub Waszczuk, eds. *Representation and Parsing of Multiword Expressions*. Vol. 3. Phraseology and Multiword Expressions. Language Science Press, 2019. URL: <https://hal.archives-ouvertes.fr/hal-01537920>.

- [B4] H el ene Flamein and Yannick Parmentier, eds. *Actes des 19es REcontres jeunes Chercheurs en Informatique pour le TAL (RECITAL 2017)*. Orl ans, France: ATALA, June 2017, p. 184. URL: <https://hal.archives-ouvertes.fr/hal-01537919>.
- [B5] Emily Bender, Lori Levin, Stefan M uller, Yannick Parmentier, and Aarne Ranta, eds. *Proceedings of the Grammar Engineering Across Frameworks (GEAF) 2015 Workshop*. Beijing, China: Association for Computational Linguistics, July 2015. URL: <https://hal.archives-ouvertes.fr/hal-01181344>.
- [B6] Gosse Bouma and Yannick Parmentier, eds. *Proceedings of the 14th Conference of the European Chapter of the Association for Computational Linguistics*. Gothenburg, Sweden: The Association for Computational Linguistics, Apr. 2014, p. 751. URL: <https://hal.archives-ouvertes.fr/hal-01075357>.
- [B7] Denys Duchier and Yannick Parmentier, eds. *7th International Workshop on Constraint Solving and Language Processing (CSLP'12). Selected and Revised Papers*. Lecture Notes in Computer Science. Springer, Sept. 2013, p. 179. URL: <https://hal.archives-ouvertes.fr/hal-00851403>.
- [B8] Denys Duchier and Yannick Parmentier, eds. *Proceedings of the ESSLLI 2013 Workshop: High-level Methodologies for Grammar Engineering (HMGE'13)*. LIFO, Aug. 2013, p. 131. URL: <https://hal.archives-ouvertes.fr/hal-00851402>.
- [B9] Denys Duchier and Yannick Parmentier, eds. *Proceedings of the Seventh International Workshop on Constraint Solving and Language Processing (CSLP'12)*. LIFO, Sept. 2012, p. 120. URL: <https://hal.archives-ouvertes.fr/hal-00734752>.

Book chapters

- [C1] Beno t Crabb e, Denys Duchier, Yannick Parmentier, and Simon Petitjean. "Constraint-driven Grammar Description". In: *Constraints and Language*. Ed. by Philippe Blache, Henning Christiansen, Ver onica Dahl, Denys Duchier, and J orgen Villadsen. Cambridge Scholar Publishing, Oct. 2014, pp. 93–121. URL: <https://hal.archives-ouvertes.fr/hal-01059206>.
- [C2] Claire Gardent, Yannick Parmentier, Guy Perrier, and Sylvain Schmitz. "Lexical Disambiguation in LTAG using Left Context". In: *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*. Ed. by Zygmunt Vetulani and Joseph Mariani. Vol. 8387. Lecture Notes in Computer Science (LNCS) series / Lecture Notes in Artificial Intelligence (LNAI) subseries. Springer, July 2014, pp. 67–79. doi: 10.1007/978-3-319-08958-4_6. URL: <https://hal.archives-ouvertes.fr/hal-00921246>.

Thesis

- [T1] Yannick Parmentier. "SemTAG : une plate-forme pour le calcul s emantique  a partir de Grammaires d'Arbres Adjoints". Th ese de Doctorat. PhD thesis. Universit e Henri Poincar e - Nancy I, Apr. 2007. URL: <https://hal.archives-ouvertes.fr/tel-00142543>.

International conferences or workshops with proceedings

- [IC1] Gilbert Busana, Brigitte Denis, Marie Dufлот-Kremer, Sarah Higu et, Lara Kataja, Yves Kreis, Christophe Laduron, Christian Meyers, Yannick Parmentier, Robert Reuter, and Armin Weinberger. "PIAF : d evelopper la Pens ee Informatique et Algorithmique dans l'enseignement Fondamental". In: *Didapro 8 – DidaSTIC – L'informatique, objets d'enseignements – enjeux  pist emologiques, didactiques et de formation*. Actes de la 8e  dition du colloque Didapro - DidaSTIC. Lille, France, Feb. 2020. URL: <https://hal.archives-ouvertes.fr/hal-02463940>.
- [IC2] Yannick Parmentier, Robert Reuter, Sarah Higu et, Lara Kataja, Yves Kreis, Marie Dufлот-Kremer, Christophe Laduron, Christian Meyers, Gilbert Busana, Armin Weinberger, and Brigitte Denis. "PIAF: Developing Computational and Algorithmic Thinking in Fundamental Education". In: *AACE 2020 - EdMedia + Innovate Learning*. Vol. 1. Proceedings of EdMedia + Innovate Learning 2020 Online. Amsterdam / Virtual, Netherlands: Association for the Advancement of Computing in Education (AACE), Waynesville, NC, June 2020, pp. 315–322. URL: <https://hal.archives-ouvertes.fr/hal-02888504>.
- [IC3] Ch erifa Ben Khelil, Chiraz Zribi, Denys Duchier, and Yannick Parmentier. "A semi-automatically generated TAG for Arabic: Dealing with linguistic phenomena". In: *19th International Conference on Computational Linguistics and Intelligent Text Processing (CICLing 2018)*. Hanoi, Viet Nam, Mar. 2018. URL: <https://hal.archives-ouvertes.fr/hal-01762597>.

- [IC4] Chérifa Ben Khelil, Chiraz Zribi, Denys Duchier, and Yannick Parmentier. “A new syntactic-semantic interface for ArabTAG an Arabic Tree Adjoining grammar”. In: *The 18th International Arab Conference on Information Technology (ACIT’2017)*. ACIT’17 Proceedings. Yasmine Hammamet, Tunisia, Dec. 2017. URL: <https://hal.archives-ouvertes.fr/hal-01676973>.
- [IC5] Jakub Waszczuk, Agata Savary, and Yannick Parmentier. “Multiword expression-aware A* TAG parsing revisited”. In: *13th International Workshop on Tree-Adjoining Grammar and Related Formalisms*. 13th International Workshop on Tree-Adjoining Grammar and Related Formalisms. Umeå, Sweden, Sept. 2017. URL: <https://hal.archives-ouvertes.fr/hal-01575535>.
- [IC6] Chérifa Ben Khelil, Denys Duchier, Yannick Parmentier, Chiraz Zribi, and Fériel Ben Fraj. “ArabTAG: from a Handcrafted to a Semi-automatically Generated TAG”. In: *TAG+12: 12th International Workshop on Tree-Adjoining Grammars and Related Formalisms*. Düsseldorf, Germany, June 2016. URL: <https://hal.archives-ouvertes.fr/hal-01320995>.
- [IC7] Simon Petitjean, Denys Duchier, and Yannick Parmentier. “XMG2: Describing Description Languages”. In: *Logical Aspects of Computational Linguistics (LACL 2016)*. Ed. by Maxime Amblard, Philippe de Groote, Sylvain Pogodalla, and Christian Rétoré. Vol. 10054. Lecture Notes in Computer Science. Nancy, France: Springer-Verlag, Dec. 2016, pp. 255–272. DOI: 10.1007/978-3-662-53826-5_16. URL: <https://hal.archives-ouvertes.fr/hal-01361316>.
- [IC8] Jakub Waszczuk, Agata Savary, and Yannick Parmentier. “Enhancing practical TAG parsing efficiency by capturing redundancy”. In: *21st International Conference on Implementation and Application of Automata (CIAA 2016)*. Séoul, Korea, Republic Of, July 2016. URL: <https://hal.archives-ouvertes.fr/hal-01309598>.
- [IC9] Jakub Waszczuk, Agata Savary, and Yannick Parmentier. “Promoting multiword expressions in A* TAG parsing”. In: *26th International Conference on Computational Linguistics (COLING 2016)*. Osaka, Japan, Dec. 2016. URL: <https://hal.archives-ouvertes.fr/hal-01378903>.
- [IC10] 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, Mathieu Constant, Petya Osenova, and Federico Sangati. “PARSEME – PARSing and Multiword Expressions within a European multilingual network”. In: *7th Language & Technology Conference: Human Language Technologies as a Challenge for Computer Science and Linguistics (LTC 2015)*. Poznań, Poland, Nov. 2015. URL: <https://hal.archives-ouvertes.fr/hal-01223349>.
- [IC11] Denys Duchier, Nicola Lampitelli, Brunelle Magnana-Ekoukou, Yannick Parmentier, Simon Petitjean, and Emmanuel Schang. “Décrire informatiquement une langue naturelle : application à quelques langues d’Afrique”. In: *Colloque “Francophonie et Langues Nationales”*. Dakar, Senegal: Presses Universitaires de Dakar, Nov. 2014, pp. 395–410. URL: <https://hal.archives-ouvertes.fr/hal-01102262>.
- [IC12] Denys Duchier, Brunelle Magnana Ekoukou, Yannick Parmentier, Simon Petitjean, and Emmanuel Schang. “Describing Morphologically-rich Languages using Metagrammars: a Look at Verbs in Ikota”. In: *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*. Istanbul, Turkey, May 2012, pp. 55–60. URL: <https://hal.archives-ouvertes.fr/hal-00688643>.
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