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Adresse professionnelle

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Renseignements personnels

Né à Namur (Belgique), le 20 janvier 1961. Nationalité belge.

Marié, trois enfants.

Titres et diplômes

1984	**Ingénieur civil en informatique**, Université Catholique de Louvain (Louvain-la-Neuve, Belgique).
1991	**Docteur en sciences appliquées**, Université Catholique de Louvain (Louvain-la-Neuve, Belgique).

Parcours professionnel

2014 –	**Directeur de Recherche de 1$^{\text{ère}}$ classe**, Inria Nancy - Grand Est (Nancy, France).
Novembre 2001	**Professeur invité**, *Technische Universität Dresden, Fakultät Informatik* (Dresde, Allemagne).
2001 – 2013	**Directeur de Recherche de 2$^{\text{ème}}$ classe**, Inria Nancy - Grand Est (Nancy, France).
Mars à Septembre 2000	**Chercheur invité**, *Universitat Politècnica de Catalunya, Departament de Llenguatges i Sistemes Informàtics* (Barcelone, Espagne).
1995 – 2001	**Chargé de Recherche de 1$^{\text{ère}}$ classe**, Inria-Lorraine (Nancy, France).
1992 – 1995	**Chargé de Recherche de 2$^{\text{ème}}$ classe**, Inria-Lorraine (Nancy, France).
1991 – 1992	**Chercheur post-doctorant**, *University of Pennsylvania, School of Engineering and Applied Science, Computer and Information Science Department* (Philadelphie, U.S.A).
Septembre à Décembre 1985	**Chercheur invité**, *University of Cambridge, Department of Computer Science and Technology* (Cambridge, Royaume-Uni).
1984 – 1991	**Assistant de recherche**, Université Catholique de Louvain, Faculté des Sciences Appliquées, Unité d'Informatique (Louvain-la-Neuve, Belgique).

Responsabilités collectives au sein d'Inria

2016 – **Membre du bureau du comité des projets** du Centre de Recherche Inria Nancy - Grand Est.

2011 – **Responsable de l'équipe-projet Sémagramme**.

2009 – 2011 **Président de jurys d'admissibilité**, concours CR2/CR1, Centre de Recherche Inria Bordeaux - Sud Ouest.

2008 – 2011 **Membre élu de la Commission d'Évaluation**.

2005 – 2008 **Membre de jurys d'admissibilité**, concours CR2, Centre de Recherche Inria Nancy - Grand Est.

2005 **Vice-président de la commission d'évaluation**, par interim.

2004 – 2005 **Membre de jurys d'admission**, concours CR2 et concours DR2.

2004 – 2008 **Président du comité des projets** et **délégué scientifique** du Centre de Recherche Inria Nancy - Grand Est. **Membre nommé de la Commission d'Évaluation**.

2003 – 2011 **Membre de jurys d'admissibilité**, concours DR2.

2003 – 2005 **Membre de jurys d'admissibilité**, concours CR2, Unité de Recherche Inria-Futurs.

2002 – 2004 **Président de sections d'audition**, concours CR2, Unité de Recherche Inria-Lorraine. **Membre élu de la Commission d'Évaluation**.

2001 – 2004 **Vice-président du comité des projets** de l'Unité de Recherche Inria-Lorraine.

1996 – 2010 **Responsable de l'équipe-projet Calligramme**.

1996 & 1998 **Membre de sections d'audition**, concours CR2, Unité de Recherche Inria-Lorraine.

Autres responsabilités collectives

2017 – **Membre du comité scientifique du projet AREN**, ARgumentation & Numérique, projet e-FRAN.

2016 – **Membre du conseil scientifique du LIRMM**, Laboratoire d'Informatique, Robotique et Microélectronique de Montpellier.

2013 **Membre du comité d'évaluation AERES du LSV**, Laboratoire Spécification et Vérification, UMR 8643, ENS Cachan.

2012 **Membre du comité d'évaluation AERES du LIPN**, Laboratoire d'Informatique de Paris-Nord, UMR 7030, Université Paris 13.

2008 – 2011	**Membre du conseil scientifique de l'Université Nancy 2**. Membre nommé au titre des EPST, représentant Inria.
2008 – 2010	**Membre du jury du prix de thèse Gilles Khan**.
2001 – 2008	**Membre de l'équipe de direction du LORIA** et **Membre nommé du conseil de laboratoire du LORIA**, Laboratoire Lorrain de Recherche en Informatique et ses applications, UMR 7503.
2001 – 2004	**Membre du Conseil d'Orientation Scientifique du LORIA**, Laboratoire Lorrain de Recherche en Informatique et ses applications, UMR 7503.
2001 – 2003	**Membre coopté de la commission de spécialistes inter-universitaire de Nancy**, Université de Nancy 1, Université de Nancy 2, Institut National Polytechnique de Lorraine.
2001 – 2003	**Membre titulaire de la commission de spécialistes de l'École des Mines de Nancy**, 27e section.
1998 – 2000	**Membre suppléant de la commission de spécialistes de l'École des Mines de Nancy**, 27e section.
1995 – 1997	**Membre coopté de la commission de spécialistes inter-universitaire de Nancy**, 27e section, Université de Nancy 1, Université de Nancy 2, Institut National Polytechnique de Lorraine.

Responsabilités éditoriales

2011 –	**Membre du comité de rédaction** (*area editor*) de la série *FoLLI-LNCS* (Springer).
2004 – 2013	**Éditeur associé** du journal *Higher-Order and Symbolic Computation* (Springer).
2003 – 2010	**Membre du comité de rédaction** des *Cahiers du Centre de Logique* (Centre National de Recherche en Logique, Belgique).

Comités scientifiques

2017 – 2019	***President of SIGMOL***, the Association for Mathematics of Language, a Special Interest Group of the Association for Computational Linguistics (ACL).
2016 – 2017	***Vice-president/president-elect of SIGMOL***, the Association for Mathematics of Language, a Special Interest Group of the Association for Computational Linguistics (ACL).
2011 –	**Membre du *LACL steering committee*** (*Logical Aspects of Computational Linguistics conference series*).
2008 – 2013	**Membre du *ESSLLI standing committee*** (*European Summer School in Logic, Language, and Information*).
2008 – 2011	**Membre du *FG standing committee*** (*Formal Grammar conference series*).

Organisation de conférences

2019	**MOL-16th** (*Chair*) ; **IJCAI 2019** (*Senior PC member*) ; **Wollic 2019** (*PC member*) ; **IWCS 2019** (*PC member*) ; **FG'19** (*PC member*) ; **SPE11** (*PC member*).
2018	**FG'18** (*PC member*).
2017	**MOL-15th** (*co-Chair*) ; **FG'17** (*PC member*) ; **IWCS'17** (*PC member*).
2016	**LACL'16** (*publicity chair & PC member*) ; **FG'16** (*PC member*) ; **NLCS'16** (*PC member*).
2015	**FG'15** (*PC member*).
2014	**TTNLS - EACL 2014 Workshop** (*PC member*) ; **FG'14** (*PC member*) ; **LACL'14** (*PC member*).
2012	**JapTAL-2012** (*PC member*) ; **LACL'12** (*PC member*).
2011	**FG'11** (*co-Chair*) ; **ACL 2010** (*PC member*) ; **LACL'11** (*PC member*) ; **MOL-12th** (*PC member*).
2010	**FG'10** (*co-Chair*) ; **IceTAL-2010** (*PC member*).
2009	**FG'09** (*co-Chair*) ; **MOL-11th** (*PC member*).
2008	**FG'08** (*co-Chair*) ; **SCLSI - ESSLLI Workshop** (*co-Chair*) ; **GoTAL-2008** (*PC member*).
2007	**FG'07** (*co-Chair*) ; **NDTG - ESSLLI Workshop** (*PC member*).
2006	**FG'06** (*PC member*).
2005	**FG'05** (*PC member*) ; **LACL'05** (*PC member*) ; **UNIF 2005** (*PC member*)
2004	**ESSLLI 2004** (*Local Chair*) ; **FG'04** (*PC member*) ; **IJCAR 2004** (*PC member*).
2003	**FG'03** (*PC member*).
2002	**Wollic 2002** (*PC member*).
2001	**LACL'01** (*co-Chair*) ; **RTA 2001** (*PC member*).
1997	**TLCA'97** (*Organizing Chair*) ; **LACL'97** (*PC member*).

Direction de thèses

2018 –	**William Babonnaud**, *Sémantique lexicale, compositionnalité et coercition de types.*
2017 –	**Pierre Ludmann**, *Construction dynamique des structures discursives*, codirection avec Sylvain Pogodalla.
2017 –	**Maria Boritchev**, *Modélisation en théorie des types de la dynamique du dialogue*, codirection avec Maxime Amblard.
2015 –	**Clément Beysson**, *Quantificateurs généralisés dynamiques pour l'analyse discursive*, codirection avec Bruno Guillaume.
2015 – 2019	**Timothée Bernard**, *Analyse discursive : révision dynamiques des informations de factivité*, codirection avec Laurence Danlos.

2012 – 2016 **Aleksandre Maskharashvili**, *Discourse Modeling with Abstract Categorial Grammars*, codirection avec Sylvain Pogodalla.

2013 – 2016 **Jiri Marsik**, *Effects and Handlers in Natural Language*, codirection avec Maxime Amblard.

2009 – 2014 **Sa Qian**, *Accessibility of Referents in Discourse Semantics*.

2008 – 2013 **Florent Pompigne**, *Modélisation logique de la langue et Grammaires Catégorielles Abstraites*, codirection avec Sylvain Pogodalla.

2008 – 2012 **Ekaterina Lebedeva**, *Expression de la dynamique du discours à l'aide de continuations*.

2001 – 2005 **Sylvain Salvati**, *Problèmes de filtrage et problèmes d'analyse pour les Grammaires Catégorielles Abstraites*.

1997 – 2001 **Catherine Lucquiaud**, *Une approche contrôlée du traitement d'exceptions en programmation fonctionnelle*.

Enseignements

2018 – **Logique** (cours magistral, 10h/an et travaux dirigés 10h/an), Université de Lorraine, *Erasmus Mundus European Master in Language and Communication Technologies*.

2018 – **Langages formels** (cours magistral, 10h/an et travaux dirigés 10h/an), Université de Lorraine, *Erasmus Mundus European Master in Language and Communication Technologies*.

2018 – **Sémantique Computationnelle** (cours magistral, 9h/an et travaux dirigés 9h/an), Université de Lorraine, *Erasmus Mundus European Master in Language and Communication Technologies*.

2010 – 2017 **Formal logic** (cours magistral, 20h/an), Université de Nancy 2 et Université de Lorraine, *Erasmus Mundus European Master in Language and Communication Technologies*.

2009 **Introduction to Abstract Categorial Grammars : Foundations and main properties** (7h30), *21st European Summer School in Logic, Language and Information, Bordeaux, France, July 20-31, 2009*.

2005 – **Structures Informatiques et Logiques pour la Modélisation Linguistique** (cours magistral, 12h/an), Université Paris Diderot, Master Parisien de Recherche en Informatique.

2005 – 2010 **Computational Semantics** (cours magistral, 15h/an), Université de Nancy 2, *Erasmus Mundus European Master in Language and Communication Technologies*.

2005 **Abstract Categorial Grammars** (7h30), *17th European Summer School in Logic, Language and Information, Edinburgh, Scotland, 8-19 August, 2005*.

2003 **Proof-theoretic methods in computational linguistics** (15h), *15th European Summer School in Logic Language and Information, Vienna, Austria, 18-29 August, 2003*.

2002 – 2004 **Sémantique, logique et pragmatique des langues naturelles** (cours magistral, 10h/an), Université de Nancy 1, DEA d'Informatique.

2001	**Introduction to Typed Lambda Calculus and Proof Theory** (cours magistral, 24h), *Dresden University, International Masters Programme in Computational Logic.*
2001	**Introduction to Type-Logical Syntax and Semantics.** (7h30). *13th European Summer School in Logic, Language and Information, Helsinki, Finland, 13-24 August, 2001.*
2000–2002	**Calculs pour la modélisation et la preuve** (cours magistral, 10h/an), Université de Nancy 1, DEA d'Informatique.
1999	**Sémantique des langages de programmation** (cours magistral, 30h), École des Mines de Nancy, 2ème année d'ingénieur.
1998–1999	**Démonstration assistée par ordinateur** (cours magistral, 12h/an), Université de Nancy 1, DEA d'Informatique.
1997	**Logique linéaire** (cours magistral, 4h), Université de Nancy 1, DEA d'Informatique.
1992–1998	**Traduction et langage** (cours magistral, 8h/an), Université de Nancy 1, Maîtrise d'informatique et 2ème année d'ingénieur ESIAL .
1986–1990	**Algorithmique Générale** (travaux dirigés, 20h/an), Université Catholique de Louvain, 2ème année d'ingénieur.

Publications

Actes de Conférences et Monographie (Éditeur)

[1] Ph. de Groote, editor. *The Curry-Howard Isomorphism*, volume 8 of *Cahier du centre de Logique*. Université Catholique de Louvain, Academia, 1995.

[2] Ph. de Groote and J.R. Hindley, editors. *Typed Lambda Calculi and Applications*, Third International Conference on Typed Lambda Calculi and Applications, TLCA'97, Nancy, France, April 1997, Proceedings. Volume 1210 of *Lecture Notes in Computer Science*, Springer, 1997.

[3] Ph. de Groote, G. Morrill, and C. Retoré, editors. *Logical Aspects of Computational Linguistics*, 4th International Conference, LACL'01, Le Croisic, France, June 2001, Proceedings. Volume 2099 of *Lecture Notes in Artificial Intelligence*, Springer, 2001.

[4] Ph. de Groote, M. Egg, and L. Kallmeyer, editors. *Formal Grammar*, 14th International Conference, FG 2009, Bordeaux, France, July 25-26, 2009, Revised Selected Papers. Volume 5591 of *Lecture Notes in Artificial Intelligence*, Springer, 2011.

[5] Ph. de Groote and M.-J. Nederhof, editors. *Formal Grammar*, 15th and 16th International Conferences, FG 2010, Copenhagen, Denmark, August 2010, FG 2011, Ljubljana, Slovenia, August 2011, Revised Selected Papers. Volume 7395 of *Lecture Notes in Computer Science*, Springer, 2012.

[6] M. Amblard, Ph. de Groote, S. Pogodalla, and C. Retoré, editors. *Logical Aspects of Computational Linguistics. Celebrating 20 Years of LACL (1996-2016)*, 9th International Conference, LACL 2016, Nancy, France, December 5-7, 2016, Proceedings. Volume 10054 of *Lecture Notes in Computer Science*, Springer, 2016.

[7] M. Kanazawa, Ph. de Groote, and M. Sadrzadeh, editors. *MOL 2017, the 15th Meeting on the Mathematics of Language*, London, UK, July 13-14, 2017, Proceedings of the conference. Association for Computational Linguistics (ACL), 2017.

[8] Ph. de Groote, F. Drewes, G. Penn, editors. *MOL 2019, the 16th Meeting on the Mathematics of Language*, London, Toronto, Canada, July 18-19, 2019, Proceedings of the conference. Association for Computational Linguistics (ACL), 2019.

Thèse de Doctorat

[9] Ph. de Groote. *Définition et Propriétés d'un métacalcul de représentation de théories*. Thèse de doctorat, Université Catholique de Louvain, Faculté des Sciences Appliquées, Février 1991.

Articles de Journaux

[10] Ph. de Groote. Nederpelt's calculus extended with a notion of context as a logical framework. In G. Huet and G. Plotkin, editors, *Logical Frameworks*, pages 69–86. Cambridge University Press, 1991.

[11] Ph. de Groote and G. Perrier A note on Kobayashi's and Yonezawa's "Asynchronous Communication Model Based on Linear Logic". *Formal Aspects of Computing*, 10 :160–170, 1998.

[12] Ph. de Groote An environment machine for the $\lambda\mu$ calculus. *Mathematical Structure in Computer Science*, 8 :637–669, 1998.

[13] Ph. de Groote An algebraic correctness criterion for intuitionistic multiplicative proofnets. *Theoretical Computer Science*, 224 :115–134, 1999.

[14] Ph. de Groote On the Strong Normalisation of Intuitionistic Natural Deduction with Permutation-Conversions. *Information and Computation*, 178(2) : 441–464, 2002.

[15] Ph. de Groote and F. Lamarche Classical non-associative Lambek calculus. *Studia Logica*, 71(3) : 355–388, 2002.

[16] Ph. de Groote and S. Pogodalla. On the Expressive Power of Abstract Categorial Grammars : Representing Context-Free Formalisms. *Journal of Logic, Language and Information* 13(4) : 421–438, 2004.

[17] Ph. de Groote On the expressive power of the Lambek calculus extended with a structural modality. In C. Casadio, P.J. Scott, R.A.G. Seely, editors, *Language and Grammar*, CSLI Lecture Notes, 168 : 95–111, 2005.

[18] Ph. de Groote, S. Pogodalla and C. Pollard About Parallel and Syntactocentric Formalisms : A Perspective from the Encoding of Convergent Grammar into Abstract Categorial Grammar. *Fundamenta Informaticae*, 106(2-4) : 211-231, 2011.

[19] Ph. de Groote and M. Kanazawa. A Note on Intensionalization. *Journal of Logic, Language and Information*, 22 : 173–194, 2013.

[20] S. Qian, Ph. de Groote, and M. Amblard. Modal Subordination in Type Theoretic Dynamic Logic. *Linguistic issues in Language Technology*, 14(1) : 1–54, 2016.

Communications à des Conferences

[21] Ph. de Groote. Denotations for classical proofs – preliminary results. In A. Nerode and M. Taitslin, editors, *Second International Symposium on Logical Foundations of Computer Science, Tver'92*, volume 620 of *Lecture Notes in Computer Science*, pages 105–116. Springer, 1992.

[22] Ph. de Groote. The conservation theorem revisited. In M. Bezem and J.F. Groote, editors, *International Conference on Typed Lambda Calculi and Applications, TLCA'93*, volume 664 of *Lecture Notes in Computer Science*, pages 163–178. Springer, 1993.

[23] Ph. de Groote. Defining λ-typed λ-calculi by axiomatizing the typing relation. In P. Enjalbert, A. Finkel, and K.W. Wagner, editors, *10th Annual Symposium on Theoretical Aspects of Computer Science, STACS'93*, volume 665 of *Lecture Notes in Computer Science*, pages 712–723. Springer, 1993.

[24] Ph. de Groote. A CPS-translation of the $\lambda\mu$-calculus. In S. Tison, editor, *19th International Colloquium on Trees in Algebra and Programming, CAAP'94*, volume 787 of *Lecture Notes in Computer Science*, pages 85–99. Springer, 1994.

[25] Ph. de Groote. On the relation between the $\lambda\mu$-calculus and the syntactic theory of sequential control. In F. Pfenning, editor, *5th International Conference on Logic Programming and Automated Reasoning, LPAR'94*, volume 822 of *Lecture Notes in Artificial Intelligence*, pages 31–43. Springer, 1994.

[26] Ph. de Groote. Strong normalization in a non-deterministic typed lambda-calculus. In A. Nerode and Yu. V. Matiyasevich, editors, *3rd international symposium on Logical Foundations of Computer Science, St Petersburg'94*, volume 813 of *Lecture Notes in Computer Science*, pages 142–152. Springer, 1994.

[27] Ph. de Groote. A simple calculus of exception handling. In M. Dezani-Ciancaglini and G. Plotkin, editors, *Second International Conference on Typed Lambda Calculi and Applications, TLCA'95*, volume 902 of *Lecture Notes in Computer Science*, pages 201–215. Springer, 1995.

[28] Ph. de Groote. Linear logic with Isabelle : pruning the proof search tree. In P. Baumgartner, R. Hähnle and J. Possega, editors, *4th Workshop on Theorem Proving with Analytic Tableaux and Related Methods*, volume 918 of *Lecture Notes in Artificial Intelligence*, pages 263–277. Springer, 1995.

[29] D. Bechet and Ph. de Groote. Constructing different phonological bracketings from a proof net. In C. Retoré, editor, *Logical Aspects of Computational Linguistics, LACL'96*, volume 1328 of *Lecture Notes in Artificial Intelligence*, pages 118–133. Springer, 1997.

[30] Ph. de Groote and C. Retoré. On the semantic readings of proof nets. In Geert-Jan Kruijff, Glyn Morrill, and Dick Oehrle, editors, *Formal Grammar*, pages 57–70, Prague, August 1996. FoLLI.

[31] Ph. de Groote. Partially commutative linear logic : sequent calculus and phase semantics. In M. Abrusci and C. Casadio, editors, *Proofs and Linguistic Categories, Proceedings 1996 Roma Workshop*. Cooperativa Libraria Universitaria Editrice Bologna, 1996.

[32] D. Bechet, Ph. de Groote, and C. Retoré. A complete axiomatisation of the inclusion of series-parallel partial orders. In H. Comon, editor, *Rewriting Techniques and Applications, RTA'97*, volume 1232 of *Lecture Notes in Computer Science*, pages 230–240. Springer, 1997.

[33] Ph. de Groote. An algebraic correctness criterion for intuitionistic proof-nets. In S. Adian and A. Nerode, editors, *4th International Symposium on Logical Foundations of Computer Science, Yaroslavl'97*, volume 1234 of *Lecture Notes in Computer Science*, pages 130–140. Springer, 1997.

[34] Ph. de Groote. On the expressive power of the Lambek calculus extended with a structural modality — Abstract. In *R. de Queiroz, 4th Workshop on Logic, Language, Information and Computation, WoLLIC'97, Logic Journal of the IGPL, Volume 6*, pages 886–889, November 1997.

[35] Ph. de Groote. The Non-associative Lambek calculus with product in polynomial time. In N. V. Murray, editor, *Automatic Reasoning with Analytic Tableaux and Related Methods*, volume 1617 of *Lecture Notes in Artificial Intelligence*, pages 128–139. Springer, 1999.

[36] Ph. de Groote. On the Strong Normalisation of Natural Deduction with Permutation-Conversions. In P. Narendran and M. Rusinowitch, editors, *10th International Conference on Rewriting Techniques and Applications, RTA'99*, volume 1631 of *Lecture Notes in Computer Science*, pages 45–59. Springer, 1999.

[37] Ph. de Groote. A dynamic programming approach to categorial deduction. In H. Ganzinger, editor, *16th International Conference on Automated Deduction*, volume 1632 of *Lecture Notes in Artificial Intelligence*, pages 1–15. Springer, 1999.

[38] Ph. de Groote. Higher-order linear matching is NP-complete. In L. Bachmair, editor, *11th International Conference on Rewriting Techniques and Applications*, volume 1833 of *Lecture Notes in Computer Science*, pages 127–140. Springer, 2000.

[39] Ph. de Groote. Proof-search in implicative linear logic as a matching problem. In M. Parigot and A. Voronkov, editors, *7th International Conference on Logic Programming and Automated Reasoning*, volume 1955 of *Lecture Notes in Artificial Intelligence*, pages 257–274. Springer, 2000.

[40] Ph. de Groote. Strong Normalization of Classical Natural Deduction with Disjunction In S. Abramsky, editor, *Fifth International Conference on Typed Lambda Calculi and Applications, TLCA'01*, volume 2044 of *Lecture Notes in Computer Science*, pages 182–196. Springer, 2001.

[41] Ph. de Groote. Towards Abstract Categorial Grammars In : *Association for Computational Linguistics, 39th Annual Meeting and 10th Conference of the European Chapter, Proceedings of the Conference*, pages 148–155, Toulouse, France, 2001.

[42] G. Bonfante and Ph. de Groote. Stochastic Lambek Categorial Grammars In *proceedings of sixth Conference on Formal Grammars and the Seventh Meeting on Mathematics of Language*, *Electronic Notes in Theoretical Computer Science* 53, Elsevier, 2001.

[43] Ph. de Groote. Type raising, continuations, and classical logic. In R. van Rooy and M. Stokhof, editors, *Thirteenth Amsterdam Colloquium*, pages 97-101, Institute for Logic, Language and Computation, Universiteit van Amsterdam, 2001.

[44] Ph. de Groote. Tree-Adjoining Grammars as Abstract Categorial Grammars. In : *TAG+6, Proceedings of the sixth International Workshop on Tree Adjoining Grammars and Related Frameworks*, pages 145-150, Università di Venezia, May 2002.

[45] S. Salvati and Ph. de Groote. On the Complexity of Higher-order Matching in the Linear λ-Calculus. In R. Nieuwenhuis, editor, *14th International Conference on Rewriting Techniques and Applications*, volume 2706 of *Lecture Notes in Computer Science*, pages 234–245. Springer, 2003.

[46] Ph. de Groote and S. Pogodalla. m-Linear Context-Free Rewriting Systems as Abstract Categorial Grammars In R. T. Oehrle and J. Rogers, editors, *proceedings of Mathematics of Language, (MOL-8)*, pages 71–80, 2003.

[47] Ph. de Groote and S. Salvati. Higher-order Matching in the Linear λ-Calculus with Pairing. In J. Marcinkowski and A. Tarlecki, editors, *Computer Science Logic, 18th International Workshop*, volume 3210 of *Lecture Notes in Computer Science*, pages 220–234. Springer, 2004.

[48] Ph. de Groote, B. Guillaume, and S. Salvati. Vector Addition Tree Automata. In *19th IEEE Symposium on Logic in Computer Science (LICS 2004)*, pages 64–73. IEEE Computer Society, 2004.

[49] Ph. de Groote. Towards a Montagovian account of dynamics. In M. Gibson and J. Howell, editors, *Proceedings of Semantics and Linguistic Theory XVI*, pages 1–16, Cornell University, Ithaca, NY, 2006.

[50] Ph. de Groote and S. Maarek. Type-theoretic Extensions of Abstract Categorial Grammars. In *New Directions in Type-theoretic Grammars (NDTTG 2007)*, ESSLLI 2007 workshop, Dublin, August 6–10, 2007.

[51] Ph. de Groote, S. Maarek, and R. Yoshinaka. On Two Extensions of Abstract Categorial Grammars. In N. Dershowitz and A. Voronkov, editors, *Logic for Programming, Artificial Intelligence, and Reasoning, 14th International Conference, LPAR 2007*, volume 4790 of *Lecture Notes in Computer Science*, pages 273–287, Springer, 2007.

[52] Ph. de Groote, S. Pogodalla, and C. Pollard. On the Syntax-Semantics Interface : From Convergent Grammar to Abstract Categorial Grammar. In H. Ono, M. Kanazawa, R. de Queiroz, editors, *Logic, Language, Information and Computation, 16th International Workshop, WoLLIC 2009*, volume 5514 of *Lecture Notes in Computer Science*, pages 182–196, Springer, 2009.

[53] Ph. de Groote and E. Lebedeva. Presupposition Accommodation as Exception Handling. In Y. Katagiri and M. Nakano, editors, *Proceedings of the SIGDIAL 2010 Conference*, pages 71–74, Association for Computational Linguistics, 2010.

[54] C. Blom, Ph. de Groote, Y. Winter, and J. Zwarts. Implicit Arguments : Event Modification or Option Type Categories ? In M. Aloni, V. Kimmelman, F. Roelofsen, G. W. Sassoon, K. Schulz and M. Westera , editors, *Logic, Language and Meaning* 18th Amsterdam Colloquium, Amsterdam, The Netherlands, December 19-21, 2011, Revised Selected Papers, volume 7218 of *Lecture Notes in Computer Science*, pages 240–250, Springer, 2012.

[55] L. Danlos, Ph. de Groote, and S. Pogodalla. A Type-Theoretic Account of Neg-Raising Predicates in Tree Adjoining Grammars. In Y. Nakano, K. Satoh, and D. Bekki, editors, *New Frontiers in Artificial Intelligence*, JSAI-isAI 2013 Workshops, LENLS, JURISIN, MiMI, AAA, and DDS, Kanagawa, Japan, October 27-28, 2013, Revised Selected Papers, volume 8417 of *Lecture Notes in Artificial Intelligence*, pages 3–16, Springer, 2014.

[56] Ph. de Groote, and Y. Winter. A type-logical account of quantification in event semantics In T. Murata, K. Mineshima, and D. Bekki, editors, *New Frontiers in Artificial Intelligence*, JSAI-isAI 2014 Workshops, LENLS, JURISIN, and GABA, Kanagawa, Japan, October 27-28, 2014, Revised Selected Papers, volume 9067 of *Lecture Notes in Artificial Intelligence*, pages 53–65, Springer, 2015.

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