Ivan Varzinczak

Short bio

Ivan Varzinczak is a professor in computer science at Université Sorbonne Paris Nord, France. He holds a PhD (2006) in artificial intelligence from Université Paul Sabatier, France, an MSc (2002) and a BSc (2000), both in computer science from the Federal University of Paraná, Brazil. Before joining Université Sorbonne Paris Nord, Ivan was an associate professor at Université Paris 8. He defended his habilitation on Defeasible Description Logics at Université d'Artois in 2019.

Ivan's primary research area is knowledge representation and reasoning in artificial intelligence. He focuses on decidable families of logic-based specification languages, the formalisation of different types of human reasoning and the design of algorithms for their implementation and verification. Ivan has co-authored more than 80 peer-reviewed publications ranging from articles in journals (Artificial Intelligence, JAIR, ToCL, AMAI, JANCL, JoLLI, Logica Universalis), full papers in international conference proceedings (IJCAI, KR, AAAI, ECAI, JELIA, AiML, TABLEAUX, ISWC, FoIKS, TIME, RuleML, KSEM, TARK), and papers in international workshops (DL, NMR, M4M, Commonsense, NRAC).

Ivan is an associate editor of Artificial Intelligence and of the Journal of Artificial Intelligence Research, and is the current chairman of NMR. He was the program chair of FoIKS 2022 and has been a program co-chair of both RW 2021 and NMR 2020. He has been a guest editor of the special issue of the International Journal of Approximate Reasoning (IJAR) on *Defeasible and Ampliative Reasoning*, and a guest editor of the special issue of the Journal of Web Semantics (JWS) on *Reasoning with Context in the Semantic Web*. Ivan was a co-chair of the KR 2022 Recently Published Research track. He has been a co-chair for the Workshop and Tutorial Program of KR 2018 and the Publicity and Sponsorship Chair for KR 2016. He is one of the founding members and co-chair of the ARCOE and DARe workshop series and a co-organiser of the 2014 edition of WoMO. Ivan was also on the guest editorial board of the Semantic Web Journal special issue on *Web Reasoning and Rule Systems*. He was a senior PC member of IJCAI 2021 and has been a PC member of IJCAI, KR, AAAI, ECAI, JELIA and other international conferences and workshops on several occasions. Besides that, Ivan is regularly invited to review papers for the journals Artificial Intelligence, the Journal of Artificial Intelligence Research, the Journal of Logic and Computation and the Journal of Philosophical Logic, amongst others.

Ivan has had visiting-researcher appointments (paid for by the institution visited) at the following universities: Cardiff University (UK), Free University of Bolzano (Italy), Stellenbosch University and University of Cape Town (South Africa), Universidade Federal de Pernambuco (Brazil), Technische Universität Dresden (Germany), Université du Luxembourg, Royal Melbourne Institute of Technology (Australia), and Université de Toulouse (France). Ivan was also given the opportunity to visit and give talks at Rutgers University (USA), Université de Rennes (France), Universidade Federal do Rio de Janeiro (Brazil), Université de Lorraine (France), University of New South Wales (Australia), City University of New York (USA), Universidade Nova de Lisboa (Portugal), Universidade de São Paulo (Brazil), University of Western Sydney and NICTA (Australia).

Ivan has co-supervised 4 PhD students and 3 Masters students to completion. He has been on the doctoral committees of 10 PhD students.

Ivan is the recipient of the first Universal Logic Prize (2018).

Google Scholar profile: http://tinyurl.com/varzinczak

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Diplomas

2019 **Habilitation (*Habilitation à Diriger des Recherches*)**, *CRIL, Université d'Artois*, Lens, France

2002–2006 **PhD in artificial intelligence**, *IRIT, Université Paul Sabatier*, Toulouse, France

2000–2002 **Masters in computer science**, *Federal University of Paraná*, Curitiba, Brazil

1996–2000 **BSc in computer science**, *Federal University of Paraná*, Curitiba, Brazil

Current positions

Since 2024 **Full professor**, *Université Sorbonne Paris Nord*, France

Since 2023 **Honorary professor**, *Department of Computer Science, University of Cape Town*, South Africa

Since 2020 **Adjunct Researcher**, *Institute of Science and Information Technology "A. Faedo" (ISTI-CNR)*, Pisa, Italy

Research interests

- Logic-based knowledge representation and reasoning in artificial intelligence
- Defeasible reasoning, belief change, reasoning about actions
- Non-classical logics, modal logic, description logics, formal ontologies
- Automated theorem proving

Theses

Habilitation

title	*Defeasible Description Logics*
advisor	Pierre Marquis (Univ. Artois, France)
examiners	Franz Baader (TU Dresden, Germany)
	Stéphane Demri (CNRS, France)
	Hans van Ditmarsch (CNRS, France)
	Sébastien Konieczny (CNRS, France)
	Marie-Laure Mugnier (Univ. Montpellier, France)
	Odile Papini (Univ. Marseille, France)
	Leon var der Torre (Univ. Luxembourg)
defence date	November 26th 2019

PhD thesis

title	*What is a good domain description? Evaluating and revising action theories in dynamic logic*
advisor	Andreas Herzig (CNRS, France)
examiners	Michael Thielscher (TU Dresden, Germany)
	Marie-Christine Rousset (LSR–IMAG, France)
	Guilherme Bittencourt (Federal University of Santa Catarina, Brazil)
defence date	October 27th 2006

Master's thesis

title	*Causalidade e dependência em raciocínio sobre ações* (in Portuguese)
advisor	Marcos Castilho (Federal University of Paraná, Brazil)
examiners	Marcelo Finger (University of São Paulo, Brazil)
	Michel Gagnon (Federal University of Paraná, Brazil)
defence date	June 6th 2002

Publications

Journal articles (16)

AIJ *On the Disjunctive Rational Closure of a Conditional Knowledge Base*. R. Booth and I.J. Varzinczak. *Artificial Intelligence*, volume 348, 2025.

AIJ *Situated Conditional Reasoning*. G. Casini, T. Meyer, and I.J. Varzinczak. *Artificial Intelligence*, volume 319, 2023.

JANCL *Defeasible Linear Temporal Logic*. A. Chafik, F. Cheikh, J.-F. Condotta, and I.J. Varzinczak. *Journal of Applied Non-Classical Logics*, volume 33, issue 1, 2023.

ToCL *Principles of KLM-style Defeasible Description Logics*. K. Britz, G. Casini, T. Meyer, K. Moodley, U. Sattler, and I. Varzinczak. *Transactions on Computational Logic*, volume 22, issue 1, 2021.

KI *Defeasible Description Logics*. I. Varzinczak. *Künstliche Intelligenz*, volume 34, issue 4, 2020.

AIJ *On Rational Entailment for Propositional Typicality Logic*. R. Booth, G. Casini, T. Meyer, and I. Varzinczak. *Artificial Intelligence*, volume 277, 2019.

AMAI *Contextual rational closure for defeasible $\mathcal{ALC}$*. K. Britz and I.J. Varzinczak. *Annals of Mathematics and Artificial Intelligence*, volume 87, issue 1-2, 2019.

IfCoLog *LEGIS: A Proposal to Handle Legal Normative Exceptions and Leverage Inference Proofs Readability*. C. Rodrigues, E. Palmeira, F. Freitas, I. Oliveira, and I. Varzinczak. *Journal of Applied Logics – IfCoLog Journal of Logics and their Applications*, volume 6, issue 5, 2019.

Logica Universalis *A Note on a Description Logic of Concept and Role Typicality for Defeasible Reasoning over Ontologies*. I.J. Varzinczak. *Logica Universalis*, volume 12, issue 3-4, 2018.

JoLLI *Preferential Accessibility and Preferred Worlds*. K. Britz and I.J. Varzinczak. *Journal of Logic, Language and Information*, volume 27, issue 2, 2018.

JANCL *From KLM-Style Conditionals to Defeasible Modalities, and Back*. K. Britz and I.J. Varzinczak. *Journal of Applied Non-Classical Logics*, volume 28, issue 1, 2018.

Logica Universalis *Constrained Consequence*. K. Britz, J. Heidema, and I.J. Varzinczak. *Logica Universalis*, volume 5, issue 2, 2011.

JAIR *On the Link between Partial Meet, Kernel, and Infra Contraction and its Application to Horn Logic*. R. Booth, T. Meyer, I.J. Varzinczak, and R. Wassermann. *Journal of Artificial Intelligence Research*, volume 42, 2011.

JAIR *On Action Theory Change*. I.J. Varzinczak. *Journal of Artificial Intelligence Research*, volume 37, 2010.

AIJ *Metatheory of Actions: Beyond Consistency*. A. Herzig and I.J. Varzinczak. *Artificial Intelligence*, volume 171, issue 16–17, 2007.

JANCL *Regression in Modal Logic*. R. Demolombe, A. Herzig and I.J. Varzinczak. *Journal of Applied Non-Classical Logics*, volume 13, issue 2, 2003.

Papers in international conference proceedings (38)

JELIA *Extending Defeasibility for Propositional Standpoint Logics*. N. Leisegang, T. Meyer, and I.J. Varzinczak. *Proceedings of the 19th European Conference on Logic in Artificial Intelligence*, Kutaisi, Georgia, 2025.

Rule Challenge *PolyCoP: A Connection Prover For (Possibly) Any Logical Language*. R. Fernandes, F. Freitas, I.J. Varzinczak, and P.P.M. Farias. *Companion proceedings of the 8th International Joint Conference on Rules and Reasoning*, Bucharest, Romania, 2024.

RuleML+RR *KLM-Style Defeasibility for Restricted First-Order Logic*. G. Casini, T. Meyer, Guy Paterson-Jones, and I.J. Varzinczak. *Proceedings of the 6th International Joint Conference on Rules and Reasoning*, online, 2022.

KR *Region-Based Merging of Open-Domain Terminological Knowledge*. Z. Bouraoui, S. Konieczny, T.-T. Ma, N. Schwind, and I. Varzinczak. *Proceedings of the 19th International Conference on Principles of Knowledge Representation and Reasoning*, Haifa, Israel, 2022.

KSEM *Tree Edit Distance Based Ontology Merging Evaluation Framework*. Z. Bouraoui, S. Konieczny, T.-T. Ma, and I. Varzinczak. *Proceedings of the 15th International Conference on Knowledge Science, Engineering and Management*, Singapore, 2022.

AAAI *Contextual Conditional Reasoning*. G. Casini, T. Meyer, and I.J. Varzinczak. *Proceedings of the 35th AAAI Conference on Artificial Intelligence*, online, 2021.

AAAI *Conditional Inference under Disjunctive Rationality*. R. Booth and I.J. Varzinczak. *Proceedings of the 35th AAAI Conference on Artificial Intelligence*, online, 2021.

TIME *A one-pass tree shaped tableau for defeasible LTL*. A. Chafik, F. Cheikh, J.-F. Condotta, and I.J. Varzinczak. *Proceedings of the 28th International Symposium on Temporal Representation and Reasoning*, online, 2021.

KR *Rational Defeasible Belief Change*. G. Casini, T. Meyer, and I.J. Varzinczak. *Proceedings of the 17th International Conference on Principles of Knowledge Representation and Reasoning*, online, 2020.

TIME *On the Decidability of a Fragment of Preferential LTL*. A. Chafik, F. Cheikh, J.-F. Condotta, and I.J. Varzinczak. *Proceedings of the 27th International Symposium on Temporal Representation and Reasoning*, online, 2020.

SACAIR *An exercise in a non-classical semantics for reasoning with incompleteness and inconsistencies*. I.J. Varzinczak. *Proceedings of the 1st Southern African Conference for AI Research*, Muldersdrift, South Africa, 2020.

ICTAI *Model-based Merging of Open-Domain Ontologies*. Z. Bouraoui, S. Konieczny, T.-T. Ma, and I. Varzinczak. *Proceedings of the 32nd International Conference on Tools with Artificial Intelligence*, online, 2020.

TABLEAUX *Preferential Tableaux for Contextual Defeasible $\mathcal{ALC}$*. K. Britz, and I.J. Varzinczak. *Proceedings of the 28th International Conference on Automated Reasoning with Analytic Tableaux and Related Methods*, London, UK, 2019.

IJCAI *Simple Conditionals with Constrained Right Weakening*. G. Casini, T. Meyer, and I.J. Varzinczak. *Proceedings of the 28th International Joint Conference on Artificial Intelligence*, Macao, China, 2019.

JELIA *Taking Defeasible Entailment beyond Rational Closure*. G. Casini, T. Meyer, and I.J. Varzinczak. *Proceedings of the 16th European Conference on Logic in Artificial Intelligence*, Rende, Italy, 2019.

KR *A Semantic Perspective on Belief Change in a Preferential Non-Monotonic Framework*. G. Casini, E. Fermé, T. Meyer, and I.J. Varzinczak. *Proceedings of the 16th International Conference on Principles of Knowledge Representation and Reasoning*, Tempe, USA, 2018.

RR *Cardinality Restrictions within Description Logic Connection Calculi*. F. Freitas and I.J. Varzinczak. *Proceedings of the 2nd International Joint Conference on Rules and Reasoning*, Luxembourg, 2018.

FoIKS *Rationality and context in defeasible subsumption*. K. Britz and I.J. Varzinczak. *Proceedings of the 10th International Symposium on Foundations of Information and Knowledge Systems*, Budapest, Hungary, 2018.

JELIA *Introducing Role Defeasibility in Description Logics*. K. Britz and I.J. Varzinczak. *Proceedings of the 15th European Conference on Logic in Artificial Intelligence*, Larnaca, Cyprus, 2016.

ISWC *Introducing Defeasibility into OWL Ontologies*. G. Casini, T. Meyer, K. Moodley, U. Sattler, and I.J. Varzinczak. *Proceedings of the 14th International Semantic Web Conference*, Bethlehem, USA, 2015.

IJCAI *On the entailment problem for a logic of typicality*. R. Booth, G. Casini, T. Meyer, and I.J. Varzinczak. *Proceedings of the 24th International Joint Conference on Artificial Intelligence*, Buenos Aires, Argentina, 2015.

TARK *Defeasible Modalities*. K. Britz and I.J. Varzinczak. *Proceedings of the 14th Conference on Theoretical Aspects of Rationality and Knowledge*, Chennai, India, 2013.

AI *Normal Modal Preferential Consequence*. K. Britz, T. Meyer, and I.J. Varzinczak. *Proceedings of the 25th Australasian Joint Conference on Artificial Intelligence*, Sydney, Australia, 2012.

SAICSIT, ACM *A Defeasible Reasoning Approach for Description Logic Ontologies*. K. Moodley, T. Meyer, and I.J. Varzinczak. *Proceedings of the Annual Conference of the South African Institute for Computer Scientists and Information Technologists*, Centurion, South Africa, 2012.

JELIA *PTL: A Propositional Typicality Logic*. R. Booth, T. Meyer, and I.J. Varzinczak. *Proceedings of the 13th European Conference on Logic in Artificial Intelligence*, Toulouse, France, 2012.

AI *Semantic Foundation for Preferential Description Logics*. K. Britz, T. Meyer, and I.J. Varzinczak. *Proceedings of the 24th Australasian Joint Conference on Artificial Intelligence*, Perth, Australia, 2011.

M4M *Preferential Reasoning for Modal Logics*. K. Britz, T. Meyer, and I.J. Varzinczak. *Methods for Modalities, Electronic Notes in Theoretical Computer Science*, volume 278, 2011.

IEEE *A Logic-Based Perspective on Agent Reconfiguration: Preliminary Report*. T. Meyer and I.J. Varzinczak. *Proceedings of the IEEE Conference Africon*, Livingstone, Zambia, 2011.

RR *Root Justifications for Ontology Repair*. K. Moodley, T. Meyer, and I.J. Varzinczak. *Proceedings of the 5th International Conference on Web Reasoning and Rule Systems*, Galway, Ireland, 2011.

AI *A Logic for Reasoning about Actions and Explicit Observations*. G. Rens, I.J. Varzinczak, T. Meyer, and A. Ferrein. *Proceedings of the 23rd Australasian Joint Conference on Artificial Intelligence*, Adelaide, Australia, 2010.

ECAI *Horn Belief Change: A Contraction Core*. R. Booth, T. Meyer, I.J. Varzinczak, and R. Wassermann. *Proceedings of the 19th European Conference on Artificial Intelligence*, Lisbon, Portugal, 2010.

IJCAI *Next Steps in Propositional Horn Contraction*. R. Booth, T. Meyer, and I.J. Varzinczak. *Proceedings of the 21st International Joint Conference on Artificial Intelligence*, Pasadena, USA, 2009.

KR *Action Theory Contraction and Minimal Change*. I.J. Varzinczak. *Proceedings of the 11th International Conference on Principles of Knowledge Representation and Reasoning*, Sydney, Australia, 2008.

JELIA *A Modularity Approach for a Fragment of $\mathcal{ALC}$*. A. Herzig and I.J. Varzinczak. *Proceedings of the 10th European Conference on Logic in Artificial Intelligence*, Liverpool, UK, 2006.

ECAI *Elaborating Domain Descriptions*. A. Herzig, L. Perrussel, and I.J. Varzinczak. *Proceedings of the 17th European Conference on Artificial Intelligence*, Riva del Garda, Italy, 2006.

IJCAI *Cohesion, Coupling and the Meta-theory of Actions*. A. Herzig and I.J. Varzinczak. *Proceedings of the 19th International Joint Conference on Artificial Intelligence*, Edinburgh, UK, 2005.

AiML *On the Modularity of Theories*. A. Herzig and I.J. Varzinczak. *Advances in Modal Logic Series*, King's College Publications, 2005 (Selected papers of AiML'04).

ECAI *Domain Descriptions Should Be Modular*. A. Herzig and I.J. Varzinczak. *Proceedings of the 16th European Conference on Artificial Intelligence*, Valencia, Spain, 2004.

Book chapters (3)

A Note on a Defeasible Andi-Style Multi-Modal Logic of Actions. I.J. Varzinczak. *Festschrift for Andreas Herzig on the Occasion of his 65th Birthday. Essays in Honor of Andi*, College Publications, 2025.

A KLM Perspective on Defeasible Reasoning for Description Logics. K. Britz, G. Casini, T. Meyer, and I.J. Varzinczak. *Description Logic, Theory Combination, and All That. Essays Dedicated to Franz Baader on the Occasion of His 60th Birthday*, Springer, 2019.

A Propositional Typicality Logic for Extending Rational Consequence. R. Booth, T. Meyer, and I.J. Varzinczak. *Trends in Belief Revision and Argumentation Dynamics*, King's College Publications, 2013.

Refereed papers in international workshops (26)

DL *A connection method for a defeasible extension of $\mathcal{ALC}$*. R. Fernandes, F. Freitas, and I.J. Varzinczak. *34th Workshop on Description Logics*, Bratislava, Slovakia, and online, 2021.

NMR *Towards Conditional Inference under Disjunctive Rationality*. R. Booth and I.J. Varzinczak. *18th Workshop on Nonmonotonic Reasoning*, online, 2020.

DL *Reasoning with Contextual Defeasible $\mathcal{ALC}$*. K. Britz and I.J. Varzinczak. *32nd Workshop on Description Logics*, Oslo, Norway, 2019.

NMR *Defeasible Entailment: from Rational Closure to Lexicographic Closure and Beyond*. G. Casini, T. Meyer, and I.J. Varzinczak. *17th Workshop on Nonmonotonic Reasoning*, Tempe, USA, 2018.

Commonsense *Context-based defeasible subsumption for $d\mathcal{SROIQ}$*. K. Britz and I.J. Varzinczak. *13th Symposium on Logical Formalizations of Commonsense Reasoning*, London, UK, 2017.

DL *Towards defeasible $\mathcal{SROIQ}$*. K. Britz and I.J. Varzinczak. *30th Workshop on Description Logics*, Montpellier, France, 2017.

NMR *Preferential Modalities Revisited*. K. Britz and I.J. Varzinczak. *16th Workshop on Nonmonotonic Reasoning*, Cape Town, South Africa, 2016.

Commonsense *What Does Entailment for PTL Mean?*. R. Booth, G. Casini, T. Meyer, and I.J. Varzinczak. *12th Symposium on Logical Formalizations of Commonsense Reasoning*, Palo Alto, USA, 2015.

PRUV *Towards a Logic of Dilation*. K. Britz and I.J. Varzinczak. *1st Workshop on Logics for Reasoning about Preferences, Uncertainty and Vagueness*, Vienna, Austria, 2014.

DL *Towards Practical Defeasible Reasoning for Description Logics*. G. Casini, T. Meyer, K. Moodley, and I.J. Varzinczak. *26th Workshop on Description Logics*, Ulm, Germany, 2013.

DL *Preferential Role Restrictions*. K. Britz, G. Casini, T. Meyer, and I.J. Varzinczak. *26th Workshop on Description Logics*, Ulm, Germany, 2013.

DL *Nonmonotonic reasoning in Description Logics: Rational Closure for the ABox*. G. Casini, T. Meyer, K. Moodley, and I.J. Varzinczak. *26th Workshop on Description Logics*, Ulm, Germany, 2013.

DL *A Protégé Plug-in for Defeasible Reasoning*. K. Moodley, T. Meyer, and I.J. Varzinczak. *25th Workshop on Description Logics*, Rome, Italy, 2012.

NMR *Defeasible Modes of Inference: A Preferential Perspective*. K. Britz and I.J. Varzinczak. *14th Workshop on Nonmonotonic Reasoning*, Rome, Italy, 2012.

DL *Concept Model Semantics for DL Preferential Reasoning*. K. Britz, T. Meyer, and I.J. Varzinczak. *24th Workshop on Description Logics*, Barcelona, Spain, 2011.

NMR *Semantic Diff as the Basis for Knowledge Base Versioning*. E. Franconi, T. Meyer, and I.J. Varzinczak. *13th Workshop on Nonmonotonic Reasoning*, Toronto, Canada, 2010.

NMR *Pertinent Reasoning*. K. Britz, J. Heidema, and I.J. Varzinczak. *13th Workshop on Nonmonotonic Reasoning*, Toronto, Canada, 2010.

NMR *A Contraction Core for Horn Belief Change: Preliminary Report*. R. Booth, T. Meyer, I.J. Varzinczak, and R. Wassermann. *13th Workshop on Nonmonotonic Reasoning*, Toronto, Canada, 2010.

NRAC *On the Revision of Action Laws: an Algorithmic Approach*. I.J. Varzinczak. *IJCAI Workshop on Nonmonotonic Reasoning, Action and Change*, Pasadena, USA, 2009.

Commonsense *How Do I Revise My Agent's Action Theory?*. I.J. Varzinczak. *9th Symposium on Formalizations of Commonsense Reasoning*, Toronto, Canada, 2009.

Commonsense *Next Steps in Propositional Horn Contraction*. R. Booth, T. Meyer, and I.J. Varzinczak. *9th Symposium on Formalizations of Commonsense Reasoning*, Toronto, Canada, 2009.

NMR *Action Theory Revision in Dynamic Logic*. I.J. Varzinczak. *12th Workshop on Nonmonotonic Reasoning*, Sydney, Australia, 2008.

NMR *Elaborating Domain Descriptions*. A. Herzig, L. Perrussel, and I.J. Varzinczak. *11th Workshop on Nonmonotonic Reasoning*, Lake District, UK, 2006.

NMR *Domain Descriptions Should Be Modular*. A. Herzig and I.J. Varzinczak. *10th Workshop on Nonmonotonic Reasoning*, Whistler, Canada, 2004.

M4M *Regression in Modal Logic*. R. Demolombe, A. Herzig, and I.J. Varzinczak. *Methods for Modalities*, Nancy, France, 2003.

NMR *It Depends on the Context! A Decidable Logic of Actions and Plans Based on a Ternary Dependence Relation*. M.A. Castilho, A. Herzig, and I.J. Varzinczak. *9th Workshop on Nonmonotonic Reasoning*, Toulouse, France, 2002.

Editorial boards and steering committees

AIJ Associate Editor for Artificial Intelligence, since 2021.

JAIR Associate Editor for the Journal of Artificial Intelligence Research, since 2019.

Logics Associate Editor for Logics, 2022-2024.

NMR Chairman of the *International Workshop on Nonmonotonic Reasoning* (NMR), 2023-2024.

NMR Member of the steering committee of NMR, 2020-2024.

RW Member of the Scientific Advisory Board of the *18th Reasoning Web Summer School*, 2022.

IJAR Guest editor of the special issue of the International Journal of Approximate Reasoning on *Defeasible and Ampliative Reasoning*. 2017-2019.

J. of Web Semantics Guest editor of the special issue of the Journal of Web Semantics on *Reasoning with Context in the Semantic Web*. 2011-2012.

Event organisation

DL'26 General co-chair of *International Workshop on Description Logics*. Lisbon, Portugal, 2026.

KR'22 Co-chair for the Recently Published Research track of the *International Conference on Principles of Knowledge Representation and Reasoning*. Haifa, Israel, 2022.

FoIKS'22 Program chair of the *International Symposium on Foundations of Information and Knowledge Systems*. Helsinki, Finland, 2022.

RW'21 Program co-chair of the *Reasoning Web Summer School*. Online, 2021.

NMR'20 Co-chair of the *International Workshop on Nonmonotonic Reasoning*. Online, 2020.

KR'18 Co-chair for the Workshop and Tutorial Program of the *International Conference on Principles of Knowledge Representation and Reasoning*. Tempe, USA, 2018.

DARe'17 Co-chair of the *Workshop on Defeasible and Ampliative Reasoning*, co-located with LPNMR'17. Co-chairs: R. Booth, G. Casini, and I.J. Varzinczak. Espoo, Finland, 2017.

DARe'16 Co-chair of the *Workshop on Defeasible and Ampliative Reasoning*, co-located with ECAI'16. Co-chairs: R. Booth, G. Casini, S. Klarman, G. Richard, and I.J. Varzinczak. The Hague, Netherlands, 2016. http://dare2016.yolasite.com

KR'16 Publicity and Sponsorship Chair for the *International Conference on Principles of Knowledge Representation and Reasoning*. Cape Town, South Africa, 2016.

DARe'15 Co-chair of the *Workshop on Defeasible and Ampliative Reasoning*, co-located with IJCAI'15. Co-chairs: R. Booth, G. Casini, S. Klarman, G. Richard, and I.J. Varzinczak. Buenos Aires, Argentina, 2015. http://dare2015.yolasite.com

DARe'14 Co-chair of the *Workshop on Defeasible and Ampliative Reasoning*, co-located with ECAI'14. Co-chairs: R. Booth, G. Casini, S. Klarman, G. Richard, and I.J. Varzinczak. Prague, Czech Republic, 2014. http://dare2014.yolasite.com

WoMO'14 Co-chair of the *International Workshop on Modular Ontologies*, co-located with FOIS'14. Co-chairs: K. Baclawski, T. Groza, T. Hahmann, and I.J. Varzinczak. Rio de Janeiro, Brazil, 2014. http://iaoa.org/womo

FCCOD Co-organizer of the research school on *Foundations and Challenges of Change in Ontologies and Databases*, Bolzano, Italy, 2014.

ARCOE-LogIC Co-chair of the *International Workshop on Acquisition and Representation of COntexts for Evaluation with LogICal Inference*, co-located with LPNMR'13. Co-chairs: M. Fink, M. Homola, A. Mileo, and I.J. Varzinczak. Corunna, Spain, 2013. http://www.arcoe.org

ARCOE'12 Co-chair of the *Workshop on Acquisition, Representation and Reasoning with Contextualized Knowledge*, co-located with ECAI'12. Co-chairs: M. Fink, M. Homola, A. Mileo, and I.J. Varzinczak. Montpellier, France, 2012.

ARCOE'11 Co-chair of the *Workshop on Automated Reasoning about Context and Ontology Evolution*, co-located with IJCAI'11. Co-chairs: A. Bundy, J. Lehmann, and I.J. Varzinczak. Barcelona, Spain, 2011.

ARCOE'10 Co-chair of the *Workshop on Automated Reasoning about Context and Ontology Evolution*, co-located with ECAI'10. Co-chairs: A. Bundy, J. Lehmann, G. Qi, and I.J. Varzinczak. Lisbon, Portugal, 2010.

ARCOE'09 Co-chair of the *Workshop on Automated Reasoning about Context and Ontology Evolution*, co-located with IJCAI'09. Co-chairs: A. Bundy, J. Lehmann, G. Qi, and I.J. Varzinczak. Pasadena, USA, 2009.

Participation in program committees and refereeing

Diagrams PC member of the *International Conference on the Theory and Application of Diagrams*, 2024, 2026.

ECAI PC member of the *European Conference on Artificial Intelligence*, 2010, 2020, 2025.

KR PC member of the *International Conference on Principles of Knowledge Representation and Reasoning*, 2012, 2016, 2018, 2020, 2021, 2022, 2024, 2025.

JELIA PC member of the *European Conference on Logics in Artificial Intelligence*, 2016, 2021, 2023, 2025.

DL PC member of the *International Workshop on Description Logics*, 2021, 2022, 2023, 2024, 2025.

ECSQARU PC member of the *European Conference on Symbolic and Quantitative Approaches to Reasoning with Uncertainty*, 2019, 2025.

CAKR PC member of the *International Workshop on Cognitive Aspects of Knowledge Representation*, 2022, 2023, 2024.

MK PC member of the *2nd Workshop on Modular Knowledge*, 2023.

KoDis PC member of the *International Workshop on Knowledge Diversity*, 2023.

ENIGMA PC member of the *Workshop on AI-driven heterogeneous data management: Completing, merging, handling inconsistencies and query-answering*, 2023.

NMR PC member of the *International Workshop on Nonmonotonic Reasoning*, 2016, 2018, 2021, 2022.

IJCAI	Senior PC member of the *International Joint Conference on Artificial Intelligence*, 2018, 2021.
AAAI	PC member of the *International Conference of the Association for the Advancement of Artificial Intelligence*, 2011, 2018, 2019, 2021.
AIJ	Referee for the journal *Artificial Intelligence*, 2013, 2019, 2020.
JAIR	Referee for the *Journal of Artificial Intelligence Research*, 2010–2012, 2014, 2015, 2020.
EPIA	PC member of the *Portuguese Conference on Artificial Intelligence*, 2017, 2019, 2020.
FoIKS	PC member of the *International Symposium on Foundations of Information and Knowledge Systems*, 2020.
LSFA	PC member of the *International Workshop on Logics and Semantic Frameworks with Applications*, 2015, 2019, 2020.
AAAI	PC member of the AAAI-20 Student Abstract and Poster Program, 2019.
JLC	Referee for the *Journal of Logic and Computation*, 2013, 2019.
AMAI	Referee for *Annals of Mathematics and Artificial Intelligence*, 2010, 2019.
AI	PC member of the *Australasian Joint Conference on Artificial Intelligence*, 2013, 2016–2018.
IBERAMIA	PC member of the *Ibero-American Conference on Artificial Intelligence*, 2016, 2018.
PRUV	PC member of the *International Workshop on Reasoning with Preferences, Uncertainty and Vagueness*, 2018.
IJCAI	PC member of the *International Joint Conference on Artificial Intelligence*, 2011, 2013, 2015, 2016, 2017.
WOMoCoE	PC member of the *International Workshop on Ontology Modularity, Contextuality, and Evolution*, 2016.
ToCL	Referee for the journal *ACM Transactions on Computational Logic*, 2013, 2015.
Context	PC member of the *International and Interdisciplinary Conference on Modeling and Using Context*, 2015.
WL4AI	PC member of the *Workshop on Weighted Logics for Artificial Intelligence*, 2015.
Ontochange	PC member of the *Workshop on Belief Change and Non-Monotonic Reasoning in Ontologies and Databases*, 2015.
WoMO	PC member of the *Workshop on Modular Ontologies*, 2015.
JBCS	Referee for the *Journal of the Brazilian Computer Society*, 2014.
ARCOE-LogIC	PC member of the *International Workshop on Acquisition and Representation of COntexts for Evaluation with LogICal Inference*, 2014.
SWJ	Member of the Guest Editorial Board for the Special Issue of the Semantic Web Journal on *Web Reasoning and Rule Systems*, 2013.
JPL	Referee for the special issue of the Journal of Philosophical Logic on Knowledge Representation and Reasoning, 2013.
JAL	Referee for the *Journal of Applied Logic*, 2013.
Logique et Analyse	Referee for the journal *Logique et Analyse*, 2013.
RR	PC member of the *International Conference on Web Reasoning and Rule Systems*, 2013.
NRAC	PC member of the IJCAI workshop on *Nonmonotonic Reasoning, Actions and Change*, 2013.
AOW	PC member of the *Australasian Ontology Workshop*, 2010, 2011, 2012.
BNC	PC member of the ECAI'12 workshop on *Belief Change, Non-monotonic Reasoning and Conflict Resolution*, 2012.
KAIS	Referee for the *Journal of Knowledge and Information Systems*, 2011.
INS	Referee for the journal *Information Sciences*, 2011.

RJCIA PC member of the *Rencontres des Jeunes Chercheurs en Intelligence Artificielle*, 2011.

KROW PC member of the special issue of *Applied Artificial Intelligence* on the KR workshop on *Knowledge Representation and Ontologies*, 2009.

Invited talks

Unilog *Defeasible Description Logics*. 7th World Congress and School on Universal Logic. Kolymbari, Crete, Greece, April 2022.

WASPIQ *Foundations and Challenges of Reasoning Defeasibly over DL Ontologies*. Workshop on ASP technologles for Querying large scale multisource heterogeneous web information (WASPIQ). Arras, France, June 2017.

JIAF *Pushing the Frontiers of Defeasible Reasoning in Description-Logic Ontologies*. Journées sur l'Intelligence Artificielle Fondamentale (JIAF). Montpellier, France, June 2016.

Student supervision

PhD thesis Co-supervision of Renan Fernandes (Federal University of Pernambuco, Brazil). Title of work: *Connection Method for Defeasible Description Logics*. Defended in August 2024.

PhD thesis Co-supervision of Truong-Thanh Ma (University of Artois, France). Title of work: *On Merging of Open-Domain Ontologies*. Defended in December 2022.

PhD thesis Co-supervision of Anasse Chafik (University of Artois, France). Title of work: *Defeasible temporal logics for the specification and verification of exception-tolerant systems*. Defended in September 2022.

Masters internship Co-supervision of Anasse Chafik (University of Artois, France). Title of work: *Defeasible Temporal Logic*. 2018.

Masters internship Co-supervision of Ayoub El Gueddi (University of Artois, France). Title of work: *Agrégation et pré-ordre partiel*. 2017.

Masters internship Supervision of Issam Zebdi (University of Artois, France). Title of work: *Implémentation de deux méthodes de fermeture rationnelle pour la logique de typicité propositionnelle*. 2017.

Masters Co-supervision of Glauco Trindade (PESC-COPPE and Federal University of Rio de Janeiro, Brazil). Title of Masters dissertation: *Video Game Development Ontology*. 2015.

PhD thesis Co-supervision of Kodylan Moodley (Meraka Institute and University of KwaZulu-Natal, South Africa). Title of PhD thesis: *Defeasible Reasoning for Description Logic Ontologies*. 2011–2015.

Masters Co-supervision of Kodylan Moodley (Meraka Institute and University of KwaZulu-Natal, South Africa). Title of Masters dissertation: *Debugging and Repair of Description Logic Ontologies*. 2009–2011.

Honours Co-supervision of Maurice Ndashimye (African Institute for Mathematical Sciences, South Africa). Title of honours project: *Tableau Methods for Epistemic Modal Logics*. 2011.

Other research activities

Examining boards

PhD thesis Examiner for Nada Boudegzdame (Université Sorbonne Paris Nord, France). Title of PhD thesis: *Artificial Intelligence-Based Methods for Medical Prescription Data: Machine Learning, Oversampling, and Argumentation*, 2025.

Habilitation Referee for Xavier Parent's *Habilitation à diriger des recherches* (HDR) titled *If, Then, Ought: From Logic to Computation*, 2025.

PhD thesis Examiner for Moncef Nabil Boukhatem (Institut Polytechnique de Paris, France). Title of PhD thesis: *Semantic interpretation of verbal transcriptions of spoken French and English technical dialogues*, 2024.

PhD thesis Examiner for Bernardo Alkmim (PUC-Rio, Brazil). Title of PhD thesis: *Law and Order(ing): Providing a Natural Deduction System and Non-monotonic Reasoning to an Intuitionistic Description Logic*, 2023.

PhD thesis Examiner for Igor de Camargo e Souza Câmara (University of São Paulo, Brazil). Title of PhD thesis: *Quantification in Description Logics of Typicality*, 2023.

Masters Examiner for Simone Coetzer (Stellenbosch University, South Africa). Title of Masters dissertation: *Repairing classical ontologies using defeasible reasoning techniques*, 2021.

Masters Examiner for Adam Kaliski (University of Cape Town, South Africa). Title of Masters dissertation: *An Overview of KLM-Style Defeasible Entailment*, 2020.

PhD thesis Examiner for Antoine Gréa (University of Lyon, France). Title of PhD thesis: *Endomorphic metalanguage and abstract planning for real-time intent recognition*, 2020.

PhD thesis Examiner for Cleyton Mário de Oliveira Rodrigues (Federal University of Pernambuco, Brazil). Title of PhD thesis: *Uma Abordagem Ontológica para Simulação de Ação Legal e Consistência Semântica Aplicada à Legislação Brasileira*, 2019.

Masters Examiner for Leonard Botha (University of Cape Town, South Africa). Title of Masters dissertation: *The Bayesian Description Logic* $\mathcal{BALC}$, 2018.

PhD thesis Examiner for Eunice Palmeira da Silva (Federal University of Pernambuco, Brazil). Title of PhD thesis: *Conversão de Provas em Lógica de Descrições* $\mathcal{ALC}$ *Geradas pelo Método de Conexões para Sequentes*, 2017.

PhD thesis Examiner for Willem Coetzer (University of KwaZulu-Natal, South Africa). *A Knowledge-Based System for Automated Discovery of Ecological Interactions in Flower-Visiting Data*, 2017.

Masters Examiner for Dimas de Melo Filho (Federal University of Pernambuco, Brazil). Title of Masters dissertation: *A Connection-based Reasoner for* $\mathcal{ALC}$ *Ontologies*, 2015.

PhD thesis Examiner for Ryan de Azevedo (Federal University of Pernambuco, Brazil). Title of PhD thesis: *Um sistema de diálogo inteligente baseado em lógica de descrições*, 2015.

PhD thesis Examiner for Raphael Cóbe (University of São Paulo, Brazil). Title of PhD thesis: *Integração entre múltiplas ontologias: reuso e gerência de conflitos*, 2014.

Masters Examiner for José Curado (University of São Paulo, Brazil). Title of Masters dissertation: *Typicality in description logics*, 2014.

Masters Examiner for Riku Nortjé (University of South Africa). Title of Masters dissertation: *Module Extraction for Inexpressive Description Logics*, 2011.

Refereeing of project proposals and books

NRF Referee for the South African Research Chairs Initiative, 2020.

Springer Referee for the Springer book series *Trends in Logic*, 2013.

WWTF Referee for the *Wiener Wissenschafts-, Forschungs- und Technologiefonds* (WWTF), the Vienna Science and Technology Fund, 2012.

Dagstuhl seminars

19072 Attendance to the Dagstuhl seminar on *The Role of Non-monotonic Reasoning in Future Development of Artificial Intelligence*, February 2019. http://www.dagstuhl.de/19072

19032 Attendance to the Dagstuhl seminar on *Conditional Logics and Conditional Reasoning: New Joint Perspectives*, January 2019. http://www.dagstuhl.de/19032

17231 Attendance to the Dagstuhl seminar on *Epistemic Planning*, June 2017. http://www.dagstuhl.de/17231

12441 Attendance to the Dagstuhl seminar on *Foundations and Challenges of Change and Evolution in Ontologies*, October and November 2012. http://www.dagstuhl.de/12441

Research visits

UWC and UCT	2-week visit to the University of the Western Cape and the University of Cape Town, July and August 2023. Collaboration with Louise Leenen and Tommie Meyer, presentation of a seminar and a tutorial.
Cardiff	1-week visit to Cardiff University, July 2023. Collaboration with Richard Booth, presentation of one seminar.
UniBolzano	5-day visit to the KRDB group at the Free University of Bolzano, Italy, January 2023. Collaboration with Oliver Kutz and Nicolas Troquard, presentation of one seminar.
SU and UCT	1-month visit to Stellenbosch University and the University of Cape Town, December 2021. Collaboration with Katarina Britz and Tommie Meyer.
SU and UCT	2-month visit to Stellenbosch University and the University of Cape Town, in April, July and August 2019. Collaboration with Katarina Britz and Tommie Meyer.
Cardiff	2-week visit to Cardiff University, July 2019. Collaboration with Richard Booth.
UFPE	2-week visit to Universidade Federal de Pernambuco, Brazil, July 2018. Collaboration with Fred Freitas, presentation of one seminar.
SU and UCT	3-week visit to Stellenbosch University and the University of Cape Town, February 2018. Collaboration with Katarina Britz and Tommie Meyer.
TU Dresden	1-week visit to Technische Universität Dresden, Germany, January 2018. Collaboration with Anni-Yasmin Turhan and Maximilian Pensel, presentation of one seminar.
UFPE	3-week visit to Universidade Federal de Pernambuco, Brazil, August 2017. Collaboration with Fred Freitas, presentation of two seminars.
Unilu	1-week visit to the University of Luxembourg, July 2017. Collaboration with Leon van der Torre and Giovanni Casini.
SU and UCT	1-month visit to Stellenbosch University and the University of Cape Town, April 2017. Collaboration with Katarina Britz and Tommie Meyer, presentation of one seminar.
Cardiff	1-week visit to Cardiff University, February 2017. Collaboration with Richard Booth, presentation of one seminar.
Unilu	2-week visit to the University of Luxembourg, February 2014. Collaboration with Richard Booth, presentation of one seminar.
IRISA	1-week visit to the IRISA laboratory in Rennes, France, January 2014. Collaboration with Guillaume Aucher and François Schwarzentruber, presentation of one seminar.
LORIA	1-week visit to the LORIA laboratory in Nancy, France, March 2013. Collaboration with Hans van Ditmarsch and Amedeo Napoli, presentation of one seminar.
RMIT	1-week visit to the Intelligent Agents group at the Royal Melbourne Institute of Technology, Australia, December 2012. Collaboration with Sebastian Sardina and Miquel Ramírez, presentation of one seminar.
UniBolzano	1-month visit to the KRDB group at the Free University of Bolzano, Italy, May and June 2012. Collaboration with Enrico Franconi and Alex Borgida.
UNSW	1-week visit to the University of New South Wales, Sydney, December 2011. Collaboration with Michael Thielscher, presentation of one seminar.
IRIT	3-week visit to the Institut de Recherche en Informatique de Toulouse and the Université de Toulouse 1 Capitole, France, May and June 2010. Collaboration with Andreas Herzig and Laurent Perrussel, presentation of three seminars.
CUNY	1-week visit to the Graduate Center of the City University of New York, USA, May 2010. Collaboration with Rohit Parikh, Sergei Artemov, and Samir Chopra, presentation of one seminar.
CENTRIA	3-day visit to Centro de Inteligência Artificial at Universidade Nova de Lisboa, Lisbon, Portugal, April 2010. Collaboration with João Leite, presentation of one seminar.

UniBolzano 3-week visit to the KRDB group at the Free University of Bolzano, Italy, December 2009. Collaboration with Enrico Franconi.

NICTA 3-week visit to the National ICT Australia, Sydney, September 2008. Collaboration with Norman Foo, Abhaya Nayak, Maurice Pagnucco and Dongmo Zhang, presentation of two seminars.

international collaboration Representative of IRIT/CNRS at the South African–French Collaboration in ICT R&D (SAFETI), Somerset West, South Africa, March 2006.

Participation in local organising committees

COMMA'08 The 2nd International Conference on Computational Models of Argument. Toulouse, France. Member of the local organising committee. http://www.irit.fr/comma08

ESSA'07 The 4th Conference of the European Social Simulation Association. Toulouse, France. Member of the local organising committee. http://essa2007.free.fr

WCP'03 The 3rd World Congress on Paraconsistency. Toulouse, France. Member of the local organising committee. http://www.cle.unicamp.br/wcp3

International-level courses and tutorials

ESSLLI 2022 *Defeasible Reasoning for Ontologies*, week-long advanced course (7.5h) at ESSLLI 2022, Galway, Ireland, August 2022.

2019 *Towards Commonsense Reasoning over Ontologies*, 3-hour tutorial at the South African Forum for AI Research (FAIR), Cape Town, South Africa, 3 December 2019.

2019 *Formal Foundations of Ontologies and Reasoning*, a 3-hour course at the spring school on Linked Data and the Semantic Web for Humanities research (LiSeH 2019), Graz, Austria, 26 April 2019.

ESSLLI 2018 *Introduction to Description Logics*, week-long introductory course (7.5h) at ESSLLI 2018, Sofia, Bulgaria, 6–10 August 2018.

IJCAI 2018 *Defeasible Description Logics*, 3.5h tutorial at IJCAI-ECAI, Stockholm, Sweden, 14 July 2018.

2017 *Defeasible Reasoning for Description Logics*, 3h tutorial at the 40th German AI Conference (KI), Dortmund, Germany, 25 September 2017.

IJCAI 2016 *Reasoning with Description Logics*, 3.5h tutorial at IJCAI, New York, USA, 9 July 2016.

2015 *Reasoning with Description Logics*, 3h tutorial at NAT@logic 2015, Natal, Brazil, 31 August – 1 September 2015. https://sites.google.com/a/dimap.ufrn.br/natalogic-2015/home

2013 *Description Logics*, 4h tutorial at the 4th World Congress and School on Universal Logic (Unilog). Rio de Janeiro, Brazil, 29 March – 2 April 2013. http://www.uni-log.org/start4.html

Teaching

Since 2024 Description Logics and Ontologies (Masters' level, 2nd year). Université Sorbonne Paris Nord.

Since 2024 Databases (Masters' level, 1st year). Université Sorbonne Paris Nord.

Since 2024 UML (Masters' level, 1st year). Université Sorbonne Paris Nord.

Since 2024 Databases (3rd year undergraduate level). Université Sorbonne Paris Nord.

Since 2024 Computer Programming (1st and 2nd year undergraduate level). Université Sorbonne Paris Nord.

Since 2024 Operating Systems (1st year undergraduate level). Université Sorbonne Paris Nord.

2023-24 Knowledge representation and reasoning (Masters' level, 1st year). Université Paris 8, 2023, 2024.

2022-24 Modern symbolic AI (Masters' level, 2nd year). Université Paris 8, 2022, 2023.

2022-24 Object-oriented programming (3rd year undergraduate level). Université Paris 8, 2022, 2023.

2022-24 Algorithms and programming (1st year undergraduate level). Université Paris 8, 2022, 2023.

2016-22 Algorithms and programming (undergraduate level). IUT de Lens, Université d'Artois, 2016–2022.

2019-22 Topics in Algorithmics (undergraduate level). IUT de Lens, Université d'Artois, 2019–2022.

2019 10h M.Sc. level course on description logics, Université d'Artois, October and November 2019.

2016-19 Object-oriented design and programming (undergraduate level). IUT de Lens, Université d'Artois, 2016–2019.

2018 10h M.Sc. level course on description logics, Université d'Artois, September and October 2018.

2017 6h M.Sc. level course on description logics, Université d'Artois, March 2017.

2016-17 Databases (undergraduate level). IUT de Lens, Université d'Artois, 2016, 2017.

2016 Computer networks (undergraduate level). IUT de Lens, Université d'Artois, 2016.

2015 60h theory of computation (undergraduate level). Federal University of Rio de Janeiro, Brazil.

2015 60h description logics (undergraduate level). Federal University of Rio de Janeiro, Brazil.

2014 28h description logics (undergraduate level). Federal University of Rio de Janeiro, Brazil.

2011-2013 External reviewer for the module *Formal Logic*, undergraduate level. Department of Philosophy, University of South Africa.

2007–2008 90h databases (undergraduate level). Université de Toulouse 1, France.
30h computer architecture and systems (Masters' level). Université de Toulouse 1.
72h introduction to computer science (undergraduate level). Université de Toulouse 1.

2006–2007 30h databases (undergraduate level). Université de Toulouse 1.
45h introduction to computer science (undergraduate level). Université de Toulouse 1.
27h productivity tools (undergraduate level). Université de Toulouse 1.

2005–2006 46h introduction to computer science (undergraduate level). Université de Toulouse 1.

2001–2002 60h computer programming (undergraduate level). Federal University of Paraná, Brazil.

Previous positions

2022–2024 **Associate professor**, *Université Paris 8*, Paris, France

2015–2022 **Associate professor**, *IUT de Lens, Université d'Artois*, Lens, France

2014–2015 **Associate professor**, *Department of Computer Science, Institute of Mathematics, Federal University of Rio de Janeiro*, Rio de Janeiro, Brazil

2008–2014 **Post-doctoral researcher**, *CSIR Meraka Institute*, Pretoria, South Africa
Research in logic-based knowledge representation and reasoning in artificial intelligence.

2006–2008 **Lecturer**, *Université de Toulouse 1 Sciences Sociales*, Toulouse, France
Research in artificial intelligence. Teaching in databases, networks and computer science.

2002–2006 **PhD candidate**, *Université Paul Sabatier*, Toulouse, France
Research in logic-based knowledge representation and reasoning in artificial intelligence.

2001–2002 **Masters candidate**, *Federal University of Paraná*, Curitiba, Brazil
Research in artificial intelligence. Teaching in JAVA programming.

2000–2001 **Programmer annalist**, *CINQ Technologies*, Curitiba, Brazil
Development in C++ and JAVA.

Grants

Campus France-NRF Project leader of a 2-year collaboration between Université Paris 8 and University of Western Cape (South Africa). Total grant: 18,000 euros over two years (2023-2024).

CNRS-Royal Society Project leader of a 2-year collaboration between Université d'Artois and Cardiff University (UK). Total grant: 10,000 euros over two years (2019-2020).

CNRS-FACEPE Project leader of a 3-year collaboration between Université d'Artois and the Federal University of Pernambuco (Brazil). Total grant: 21,000 euros over three years (2017-2019).

CNPq Research fellow of the Brazilian National Research Council from 2014 to 2015.

NRF grant	Awardee of the NRF Incentive Funds for Rated Researchers, 2012. Total grant: 240,000 rands.

Awards and ratings

best paper award	Best paper award at JELIA 2025 for the paper "Extending Defeasibility for Propositional Standpoint Logics", co-authored with Nicholas Leisegang and Thomas Meyer, 2025.
logic prize	Winner of the *Universal Logic Prize*, 2018.
logic prize	Winner of the *Louis Couturat Logic Prize*, 2018.
NRF rating	Rated by the South African National Research Foundation (NRF), Category B, Level 2, 2025.
NRF rating	Rated by the South African National Research Foundation (NRF), Category B, Level 3, 2018.
NRF rating	Rated by the South African National Research Foundation (NRF), Category Y, Level Y1, 2012.
research award	Winner of the *CSIR Meraka Emerging Researcher Award*, 2010. Prize: 5,000 rands.
poetry award	Winner of the contest *La francophonie dans tous ses états*, 2000. Organised by the French Embassy in Brazil. Prize: 2 week trip to France (*Francofolies de la Rochelle*).

Last Update

November 21, 2025