



Valentin D. Richard

PhD Student

Education

- 2021– **PhD in linguistics**, *ILLC, University of Amsterdam*, Amsterdam (The Netherlands), Joint PhD with Loria, Université de Lorraine (Nancy, France)
Topic: Presuppositional and Dynamic Aspects of Questions
Supervisors: Philippe de Groote, Reinhard Muskens and Floris Roelofsen
- 2020–2021 **Master of Computational Linguistics, 2nd year**, *Université de Paris*, in Paris (France), research programme
- 2018–2019 **Parisian Master of Research in Computer Science (MPRI), 1st year**, *École Normale Supérieure Paris-Saclay*, in Cachan (France)
personal specialization in computational linguistics
- 2017–2018 **Bachelor of Science, 3rd year, major in computer science**, *École Normale Supérieure Paris-Saclay*, in Cachan (France)
- 2015–2017 **CPGE (Classe Préparatoire aux Grandes Écoles)**, at *Chateaubriand high school*, in Rennes (France)
French preparatory class: a 2-year intensive program to prepare for France's top schools, including a multidisciplinary approach in science (maths, physics, chemistry, computer science), and a one-year-and-a-half-long team project (topic: AI for the Quarto game)

Professional experiences

- February–July of 2021 **Computational linguistics master thesis**, *SEMAGRAMME team*, Loria (Nancy, France), supervised by Philippe de Groote
Topic: Embedding Intensional Semantics into Inquisitive Semantics
- 2019–2020 **Pre-doctoral Research Year Abroad**, *Universiteit Utrecht*, in Utrecht (the Netherlands), supervised by Michael Moortagt and Giuseppe Greco
Topic: Connections between Extended Lambek Calculus and Linear Logic
(additionally attending master linguistics courses, and 18 hours of tutorial given for the course “Logical Grammars”)
- February–August of 2019 **Computational linguistics internship**, *project A02, SFB 991, Heinrich Heine Universität*, (Düsseldorf, Germany), supervised by Laura Kallmeyer and Rainer Osswald
Topic: Introduction of Quantifiers in Frame Semantics
- June–July of 2018 **Computational linguistics internship**, *SEMAGRAMME team*, Loria (Nancy, France), supervised by Philippe de Groote
Topic: Transformation of Lambek Categorical Grammars into Abstract Categorical Grammars (ACG)

Distinctions and grants

- 2021 **Best Student Paper Award**, 46th Symposium on Mathematical Foundations of Computer Science (MFCS 2021), for the article *Keyboards as a Model of Computation* [9]

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Born on 4th June 1997 – Driving licence – French

- 2019 **Excellence grant**, *Bourse de mobilité internationale de stage de l'Université Paris-Saclay (2018-2019, vague 2)*, Université Paris-Saclay, for an internship in Utrecht University
Amount: €4,248
- 2019 **Research project grant**, *Bourse Éole (2019, spring session)*, Réseau franco-néerlandais (Université de Lille), for an internship in Utrecht University
Amount: €500

Responsibilities

- 2024– **Elected PhD representative**, at LORIA laboratory concil

Teaching

- 2021–2023 **Script Languages (in French)**, *Bachelor of Business Informatics, 3rd year*, IDMC (Nancy, France), Lectures and tutorials
50h taught per year
- 2022–2024 **Discourse & Dialogue modeling**, *NLP Master, 2nd year*, IDMC (Nancy, France), Tutorials
9h taught per year

Organization

- 20 June 2023 **Local chair of InqBnB4 workshop**, (*Inquisitiveness Below and Beyond the Sentence Boundary*), Nancy (France), hosted by IWCS 2023

Supervision

- June–August 2022 **Gwenaëlle Leon**, *3rd year of bachelor's internship*, Université Paris Cité (Paris, France)
Topic: Adding macros in the meta-ACG tool

Popularization

- 17 April 2024 **Workshop**, for *Université Populaire et Participative de Vandœuvre*, Fabrique des Possibles (Vandœuvre-lès-Nancy, France)
Title: Artificial intelligence: wassat? (original: Intelligence Artificielle : Quésaco ?)
- 16 October 2023 **Round-table discussion participation**, organized by *CJD Section de Nancy*, Télécom Nancy (Nancy, France)
Title: AI, at what cost? (original: L'IA, À quel prix ?)
- 22 June 2023 **Pint of Science**, La Taverne de l'Irlandais (Nancy, France)
Title: How does my phone (not) understand what I'm saying? (original: Comment mon téléphone fait pour (ne pas) comprendre ce que je dis ?)

References

- [1] Valentin D. Richard. “Comment expliquer la variation entre discours évaluatifs ? L'exemple des constructions « verbe (+ préposition) + interrogative »”. In: *Nouveaux regards sur la norme*. Fribourg, Switzerland, 2025, to appear.
- [2] Valentin D. Richard. “« selon comment vous vous positionnez » : Étude des circonstanciels à interrogative”. In: *9e Congrès Mondial de Linguistique Française*. Vol. 191. Lausanne: SHS Web of Conf., 2024, p. 14010. DOI: 10.1051/shsconf/202419114010.
- [3] Valentin D. Richard. “Dynamic Effects of Modalized Questions”. In: *Proceedings of the 24th Amsterdam Colloquium*. Ed. by Fausto Carcassi, Tamar Johnson, Søren Brinck Knudstorp, Sabina Domínguez Parrado, Pablo Rivas-Robledo, and Giorgio Sbardolini. Amsterdam, The Netherlands, 2024, pp. 289–307.
- [4] Giuseppe Greco, Valentin D. Richard, Michael Moortgat, and Apostolos Tzimoulis. “Lambek-Grishin Calculus: Focusing, Display and Full Polarization”. In: *Samson Abramsky on Logic and Structure in*

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Computer Science and Beyond. Ed. by Alessandra Palmigiano and Mehrnoosh Sadrzadeh. Outstanding Contributions to Logic 25. Springer Cham, 2023. ISBN: 978-3-031-24119-2. arXiv: 2011.02895.

- [5] Valentin D. Richard. “Est-ce que l'extraction des interrogatives du français peut-elle être automatisée ?” In: *5èmes Journées Du Groupement de Recherche CNRS “ Linguistique Informatique, Formelle et de Terrain ” (LIFT 2023)*. Ed. by Karèn Fort, Claire Gardent, and Yannick Parmentier. Nancy, France: CNRS, Nov. 2023, pp. 69–76.
- [6] Valentin D. Richard and Floris Roelofsen, eds. *Proceedings of the 4th Workshop on Inquisitiveness Below and Beyond the Sentence Boundary*. Nancy, France: Association for Computational Linguistics, June 2023. 61 pp. ISBN: 978-1-959429-96-8.
- [7] Valentin D. Richard. “Simulating Feature Structures with Simple Types”. In: *Proceedings of the 2022 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies: Student Research Workshop*. Hybrid: Seattle, Washington + Online: Association for Computational Linguistics, July 2022, pp. 113–122.
- [8] Philippe de Groote and Valentin D. Richard. “Embedding Intensional Semantics into Inquisitive Semantics”. In: *MOL 2021 - 17th Meeting on the Mathematics of Language*. Montpellier (online), France, Dec. 13, 2021.
- [9] Yoan Gérard, Bastien Laboureix, Corto Mascle, and Valentin D. Richard. “Keyboards as a New Model of Computation”. In: *46th International Symposium on Mathematical Foundations of Computer Science (MFCS 2021)*. Ed. by Filippo Bonchi and Simon J. Puglisi. Vol. 202. Leibniz International Proceedings in Informatics (LIPIcs). Dagstuhl, Germany: Schloss Dagstuhl – Leibniz-Zentrum für Informatik, Aug. 2021, 49:1–49:20. ISBN: 978-3-95977-201-3. DOI: 10.4230/LIPIcs.MFCS.2021.49 (page 1).

Personal experiences

February of 2019 **Event organization**, *Interludes 2019*, as the president of Bureau des Loisirs (Leisure Bureau)
weekend game gathering of the 4 ENSs of France (250 participants)

Languages

French Mother tongue

German B2 level

2019 **Internship in a foreign country**, (*Germany*)

6 months living with a German family

English C1 level (*Cambridge Advanced Certificate*)

2013 **Exchange**, in the *U.S.*, with Jeanne d'Arc high school

Two weeks living with an American family (Connecticut)

Dutch Basics

Skills

Programming skills Python, OCaml, C, \LaTeX

Interests

Drama (7-year experience)
Role-play games

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