Valentin D. Richard

PhD Student

Education

2021–   **PhD in computer science**, *LORIA (Université de Lorraine)*, Nancy (France), Joint PhD with ILLC, University of Amsterdam.
Topic: Compositional and Dynamic Aspects of Inquisitive Semantics
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 specialisation 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 Categorial Grammars into Abstract Categorial 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*.

Résidence Degas B, Appartement 69, 33 avenue Jean Jaurès – 54500 Vandœuvre-lès-Nancy (FRANCE)
📱 *+33 6 82 66 99 42* • ✉ *valentin.richard@ens-paris-saclay.fr*
🌐 *valentin-d-richard.fr* • **in** *valentin-d-richard-9a92657b*
Born on 4th June 1997 – Driving licence – French

2019 **Excellence grant**, *Bourse de mobilité internationale de stage de l'Université Paris-Salcay (2018-2019, vague 2)*, Université Paris-Saclay, for an internship in Utrecht University.
Sum: €4,248

2019 **Research project grant**, *Bouse Éole (2019 session printemps)*, Réseau franco-néerlandais (Université de Lille), for an internship in Utrecht University.
Sum: €500

Teaching

2021 and 2022 **Script Languages (in French)**, *Bachelor of Business Informatics, 3rd year*, IDMC (Nancy, France), Lectures an tutorials.
50h taught per year

2022 **Discourse & Dialog modeling**, *NLP Master, 2nd year*, IDMC (Nancy, France), Tutorials.
9h taught per year

Supervision

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

Publications

[dGR21] 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, December 2021.

[GLMR21] Yoan Géran, Bastien Laboureix, Corto Mascle, and Valentin D. Richard. Keyboards as a New Model of Computation. In Filippo Bonchi and Simon J. Puglisi, editors, *46th International Symposium on Mathematical Foundations of Computer Science (MFCS 2021)*, volume 202 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 49:1–49:20, Dagstuhl, Germany, 2021. Schloss Dagstuhl – Leibniz-Zentrum für Informatik.

[GRMT21] Giuseppe Greco, Valentin D. Richard, Michael Moortgat, and Apostolos Tzimoulis. *Lambek-Grishin Calculus: Focusing, Display and Full Polarization*. Springer, A. Palmigiano and M. Sadrzadeh edition, 2021. forthcoming.

[Ric22] 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*, pages 113–122, Hybrid: Seattle, Washington + Online, July 2022. Association for Computational Linguistics.

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Personal experiences

February of 2019	**Event organisation**, *Interludes 2019*, as the president of Bureau des Loisirs (Leisure Bureau). week-end game gathering of the 4 ENSs of France (250 participants)

Languages

French	Mother tongue
German	C1 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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