Pierre Vial

Post-Doctoral Researcher

Education

2014 – 2017	**PhD**, *IRIF*, Paris Diderot Advisor: Delia Kesner. Co-advisor: Damiano Mazza.
2014	**Master LMFI (Mathematical logic and computer science)**, *Paris Diderot*, Paris *Magna cum laude*
2007	**Master Stochastic Processes**, *Paris 6*, Paris
2001 – 2007	**Élève fonctionnaire stagiaire**, *ENS Ulm*, Paris Provisional civil-servant and student at ENS
2001	**Entrance exam**, *École normale supérieure (rue d'Ulm)*, Paris Concours MPI
1999 – 2001	**Classes préparatoires MPSI-MP***, *Lycée Henri Poincaré*, Nancy Intensive preparation for the entrance exams of french Grandes Écoles
1999	**Baccalauréat scientifique**, *Lycée E. Bichat*, Lunéville High school graduation

Experience

2020/04 –	**Post-doc in Deducteam (Inria)**, *ENS Paris-Saclay*, Gif-sur-Yvette Under the supervision of Chantal Keller and Valentin Blot
2019	**External Teacher**, *Université de Nantes*, Nantes 56 h
2018 & 2019	**External Teacher**, *IMT Atlantique*, Nantes 2 × 16 h
2018 – 2019	**Post-doc in the Gallinette Team**, *LS2N (Inria and CNRS)*, Nantes Under the supervision of Nicolas Tabareau, ERC project CoqHott
2017	**Teaching and research assistant ("A.T.E.R.")**, *Paris Diderot - Paris 7*, Paris Temporary teaching and research assistant.
2014 – 2017	**Phd student - teaching assistant ("chargé de TP")**, *Paris Diderot - Paris 7*, Paris Giving some "hands-on" to undergraduate students. 64 hrs per year
2007 – 2014	**Professeur agrégé de mathématiques**, *Éducation nationale* Mathematic teacher in the french public education system, mostly in high school and in Académie de Versailles
2009 – 2012	**Colleur de mathématiques en ECS** Preparation to oral examination in mathematics for Management Schools.

Languages

French	Native
English	Fluent
German	Basic communication skills, basic reading
Yiddish	Medium communication skills

Invited Talks

HOR 2018	Higher-Order Rewriting	*Workshop of FSCD18 (Oxford)*

Selected Talks

Nov. 2014	Journées Geocal-LAC (Chambéry)	
Oct. 2015	Journées Geocal-LAC (Nancy)	
Jun. 2016	HOR (Porto)	*(peer-reviewed)*
Nov. 2016	LIA INFINIS (Paris Diderot)	
Nov. 2016	Journées Geocal-LAC (Paris Diderot)	
Dec. 2016	Rencontres Chocola (ENS Lyon)	
Apr. 2017	DICE-FOPARA (Uppsala)	*(peer-reviewed)*
Apr. 2017	Types (Budapest)	*(peer-reviewed)*
Nov. 2017	Journées Geocal-LAC (Nantes)	
Jun. 2018	Types (Braga)	*(peer-reviewed)*
Jun. 2019	Types (Oslo)	*(peer-reviewed)*

Program committees

2021	Member of POPL Artifact Evaluation Committee

Publications

[1] Pierre Vial. Infinitary Intersection Types as Sequences: a New Answer to Klop's Problem. In *LICS 2017, Reykjavik, Iceland, June 20-23*, 2017.

[2] Delia Kesner and Pierre Vial. Types as Resources for Classical Natural Deduction. In *FSCD 2017, Oxford, England, September 3-9*, 2017.

[3] Damiano Mazza, Luc Pellissier, and Pierre Vial. Polyadic Approximations, Fibrations and Intersection types. In *POPL 2018, Los Angeles, USA, January 8-13*, pages 1–26, 2018.

[4] Pierre Vial. Every λ-term is meaningful in the infinitary relational model. In *LICS, Oxford, July 9-12*, 2018.

[5] Pierre Vial. Sequence types for hereditary permutators. In *FSCD, Dortmund, June 25-28*, 2019.

[6] Delia Kesner and Pierre Vial. Non-idempotent types for classical calculi in natural deduction style. *Log. Methods Comput. Sci.*, 16(1), 2020.

[7] Delia Kesner and Pierre Vial. Consuming and persistent types for classical logic. In Holger Hermanns, Lijun Zhang, Naoki Kobayashi, and Dale Miller, editors, *LICS '20, Saarbrücken, Germany, July 8-11, 2020*, pages 619–632. ACM, 2020.