	kerjean@lipn.fr
Marie Kerjean	https://lipn.univ-paris13.fr/~kerjean/ French, born in 1990
	2 children born in 2014 and 2016

Positions

• CNRS Researcher, LIPN, Université Sorbonne Paris No	rd 2020 –
• Post-Doctoral Researcher, INRIA Bretagne Atlantique	Nov. 2018 - Oct. 2020
Under the supervision of A. Mahboubi in the Gallinette	Team
• Long-term visitor ar ITU Cophengagen	Nov.2015- June 2017
hosted by R. Møgelberg in the PLS team	
• PhD Candidate at IRIF, Université Paris Diderot	Sept 2014 - Oct. 2018
Under the direction of T. Ehrhard	

Editorial and Chairing responsibility

Chairing, Editor and Organizer positions

1.	Co-Chair of the JFLA conference	2025
2.	Co-organizer of the Logic Mentoring Workshop at LICS and CSL	2024 - 2025
3.	Part of the Steering Committee for the MFPS conference	2023
4.	Co-Chair of the working group 6 Euro-Proof net 2024 workshop	2024
5.	Co-Chair of the conference MFPS2023	2023
6.	Guest Editor of a special issue for the MSCS journal	2023

Program Committee Member

International conference program commitee

1.	MFPS conference	2024
2.	32nd EACSL Annual Conference on Computer Science Logic (CSL'24)	2024
3.	Certified Programs and Proofs (CPP)	2023
4.	15th Conference on Intelligent Computer Mathematics (CICM)	2022
5.	9th Conference on Algebra and Coalgebra in Computer Science $\left(\mathrm{CALCO}\right)$	2021

National Conference or International Workshop Program Committee

1.	30th International Conference on Types for Proofs and Programs (TYPES)	2024
2.	Tenth Symposium on Compositional Structures (SYCO)	2022
3.	Trends in Linear Logic (TLLA)	2022
4.	Journées Francophones des Langages Applicatifs (JFLA)	2022
5.	The Coq Workshop	2021
6.	Journées Francophones des Langages Applicatifs (JFLA)	2021
7.	Mathematically Structured Functional Programming Workshop (MSFP)	2020
8.	Seventh Symposium on Compositional Structures (SYCO)	2020
9.	Languages for Inference (LAFI)	2020
10.	Journées Francophones des Langages Applicatifs (JFLA)	2020
11.	Trends in Linear Logic (TLLA)	2019

Journal reviews

"Mathematical Structures in Computer Science" "Information and Computation" "Cahiers de Topologies" "Logical methods in computer science" $(\times 3)$

Subreviews for conferences

LICS2024, POPL2024, FSCD2023, CSL2023, LICS2023, Fossacs2023, MFPS2022, LICS2022, Fossacs2021, ESOP2021, LICS2021, POPL2021, Fossacs2020, FSCD2020, Fossacs2019, LICS2019, Fossacs2018, CSL2017

Talks and Invitations

Invited talks

1.	Invited talk to the "Differential Logic and Taylor Formula" school	2024
2.	Invited talk to the Lean for the mathematician workshop	2024
3.	Invited talk to the "Philosophie des mathématiques" Seminar at IHPST	2024
4.	Invited talk to a special session at the CiE conference	2023
5.	Plenary invited talk to the Types Conference	2023
6.	Invited plenary talk to the Women In Logic Workshop	2023
7.	Invited talk to the GDR-IM National Research Group	2023
8.	Invited talk to the Scalp National Working Group	2023
9.	Invited plenary talk to the Wollic Wprkshop	2022
10.	Invited talk to the National Chocola Monthly Seminar	2022
11.	Invited talk to the Linear Logic Winter School	2022
12.	Invited talk to AIPLANS 2021, an invitation only workshop at NEURIPS	2021
13.	Invited plenary talk to the TLLA workshop, affiliated with LICS	2021
14.	Invited talk to BIRS workshop on Tangent categories and applications	2021
15.	Invited short talk to the Lean Together workshop	2021
16.	Invited talk to an invitation only workshop Big-Proof	2019
17.	Invited talk to the SYCO3 Symposium	2019
18.	Invited talk to the National Chocola Seminar	2019
19.	Invited talk to a plenary session on differential programming at MFPS	2018
20.	Doctoral course on the semantics of linear logic at ITU Copenhagen	2016
21.	Invited talk to the invitation only workshop QSLC	2016

International conferences and workshops contributed communications

1.	∂ is for Dialectica, Trends in Linear Logic and Applications (TLLA)	2020
2.	A formalisation of Hahn-Banach theorem in Coq, TYPES	2019
3.	Higher-Order Distributions for Linear Logic, FoSSacs	2019
4.	A logical account for LPDEs, Logic In Computer Science (LICS)	2018
5.	Smooth models of LL based on Schwartz epsilon product, (TLLA)	2018
6.	Smooth models of Linear Logic and LPDEs, (TLLA)	2017
7.	Tensor products and *-autonomous categories, Topology, Algebra and	Cate-
	gories in Logic (TACL)	2015
8.	Weak Topologies for Linear Logic, Structure and Deduction	2014

Invited Seminars

Lisboa Logic Seminar (2022), Bath Logic Group Seminar (2022), Diapason Seminar in Bologna (2022), DIKU Seminar in Copenhagen (2020), Cosynus Seminar, LIX in Paris (2020 and 2018), I2M seminar in Marseille (2018 and 2015), Mathematical Physics Seminar of Université Paris Diderot (2018), Antique team seminar at ENS Ulm in Paris (2018), LAMA Seminar in Chambéry (2017), LIPN Seminar in Paris (2017), PLG group seminar at ITU Copenhagen (2015).

Grants and Fellowships

• CNRS grant for new researchers	2020
Research grant given to every new "Chargée de Recherche	e"at CNRS, €10 000
• L'Oréal-Unesco FWIS grant	2019
Research grant funding and coaching by the L'Oréal founda	tion. L'Oréal-Unesco
Fellowship for Women in Science ($\in 20,000$)	
• Inria fellowship	2018
Two year post-doctoral research position with individual for	unds

Service

Local Responsabilities

• Gender Equity Delegate at LIPN	2023-present
 Creation and organization of a genaer equality team at LIPN. Communication of the LIPN on social media Retrieving information and communication on the Twitter and count 	2021-present. Mastodon ac-
• Organiser of the Logic Seminar at LIPN Organisation of a seminar with national and international particle weakly basis	2022-present ipants on a lax
• Member of the Lab council Masting avery month to take policy designed about the LUDN	2021-present
 Meeting every month to take policy decisions about the LIPN Co-organiser a of reading group on Differentiable Programming Co-organiser of a series of short team seminars Séminaire Quésac Co-organising the PhD's student seminar at IRIF, Université Paris 	2019. co 2020. Diderot 2015.
Hiring and Thesis Committee	
 Thesis Jury for the PhD Defense of Louis Lemonnier Hiring Committee for an Associate Professor Job at the LIPN Thesis Jury for the PhD Defense of Axel Kerinec 	$2024 \\ 2023 \\ 2023$
Outreach	
 Organisation of a Science School Week long Stage MathsC2+ for High-School Students of Seine-Se Interventions in High-Schools about Women and Career in Science Written popularisation Author of popularisation text on formal proofs and semantics for 	Oct. 2022 aint-Denis ce 2021 2020 • Blog Binaire
Teaching	
• Logic at Université Sorbonne Paris Nord Lessons and exercise sessions in Logic for 200 first year student science	2023 is in computer
 Introduction to formal proofs at Université Sorbonne Paris Nord Co-organisation of a new course for first year university students, Proof assistant 	2021-2022 using the Coq
• Preparation and Correction of written examinations in Comput Polytechnique and ENS School	er Science for 2022-
 Exercice session in Analysis Université Sorbonne Paris Nord Teaching assistant in Computer Science Teaching assistant in Mathematics 	$2021 \\ 2017 \\ 2015$
Supervision and Mentoring	
PhD students	
1. Simon Mirwasser Oct.	2022 - present
Master students	
 Valentin Maestracci Oct. 2021 Two students within the SigPlan-Mentoring Program Simon Mirwasser (co-supervised with Flavien Breuvart) March 2021 	- March 2022 2020-2022 2021 -August

Undergraduate students

1.	Théo Vignon	June-July 2020
2.	Essaïe Bauer	June-July 2019

Peer-Reviewed Publications

Journal Publications

1.	"Models of Linear Logic based on Schwartz' epsilon product". Published in Theory and Applications of Categories, with Y. Dabrowski Preprint, Extensive 87 pages research article.	2019
2.	"Mackey-complete spaces and power series : A topological model of Differe Linear Logic". Published in Mathematical structure in computer science with C. Tasson DOI: 10.1017/S0960129516000281	ential 2018
3.	"Weak topologies for Linear Logic." Published in Logical Methods for Computer Science DOI: 10.2168/LMCS-12(1:3)2016	2016
Inte	rnational Conference Publications	
1.	"Unifying Graded Linear Logic and Differential Operators" Published in FSCD 2023, with with Simon Mirwasser and Flavien Breuvar preprint	2023 rt
2.	"Taylor Expansion as a Monad in Models of DiLL" Published in LICS 2023 with Jean-Simon Pacaud Lemay	2023
3.	"Forgetful inference with canonical structures" Published in IJCAR 2020 with Reynald Affeldt, Cyril Cohen, Assia Mahbo Damien Rouhling, Kazuhiko Sakaguchi	2020 oubi,
4.	https://hal.inria.fr/hal-02463336 preprint "Higher-order Distributions for Linear Logic" Published in FoSSacs, part of ETAPS with JS. Pacaud Lemay	2019
5.	"A Logical Account for Linear Partial Differential Equations" Published in LICS preprint	2018

National Conference or Journal Publications

- 1. "Utilisation des assistants de preuves pour l'enseignement en L1" 2022 Published in La gazette des mathématiciens with Frédéric Le Roux, Patrick Massot, Micaela Mayero, Zoé Mesnil, Simon Modeste, Julien Narboux, Pierre Rousselin preprint
- 2. "Chiralités et exponentielles: un peu de différentiation" 2019 Published in Journée Francophone des languages applicatifs with Ésaïe Bauer preprint

Preprints

1.	"Laplace Laplace Distributors and Laplace Transformations for Differential	Cat-
	egories"	2024
	with Jean-Simon Pacaud Lemay	
	preprint	
2.	"Functorial models of Differential Linear Logic"	2023
	with Morgan Rogers and Valentin Maestracci	
	preprint	
3.	" ∂ is for Dialectica: typing differentiable programming"	2021
	with Pierre-Marie Pédrot	
	preprint	
4.	"Chiralities in Topological Vector Spaces"	2019
	preprint	