

ADDRESS	Institut de Mathématiques de Jussieu - Paris Rive Gauche (IMJ-PRG) Sorbonne Université Bureau 15-16-506 4 place Jussieu, 75252 Paris Cedex 5	
LANGUAGE	English: Mother tongue	
SKILLS	French: Fluent	
RESEARCH INTERESTS	Hamiltonian dynamics, Floer homology, Smooth dynamical systems, Symplectic topology, Geometric analysis, Topological analysis of data	
POSITIONS	FSMP Postdoctoral Fellow	Nov 2022 - Aug 2024
	<i>Institut de mathématiques de Jussieu-Paris Rive Gauche</i>	
	FRQNT Postdoctoral Fellow	Sept 2024 - Aug 2026
	<i>Institut de mathématiques de Jussieu-Paris Rive Gauche</i>	
EDUCATIONAL BACKGROUND	Université de Montréal , Québec, Canada	
	PhD, Département de mathématiques et de statistique, March 2022	
	<ul style="list-style-type: none"> • Thesis subject: <i>Hamiltonian Floer theory on surfaces</i> • Advisor: François Lalonde 	
	M.S. Département de mathématiques et de statistique, Jan 2017	
	<ul style="list-style-type: none"> • Thesis subject: <i>Symplectic fibrations and the geometry of the group of Hamiltonian diffeomorphisms</i> • Advisor: François Lalonde 	
	McGill University , Québec, Canada	
SCHOLARSHIPS AND AWARDS	B.Sc. (Hon), Jan 2014	
	<ul style="list-style-type: none"> • Thesis subject: <i>The geometry and topology of data: Minimax error bounds for manifold estimation</i> • Advisor: Masoud Asgharian 	
	Scholarships	
	• <i>FRQNT Postdoctoral fellowship</i>	Sept. 2024 - Aug. 2026
	• <i>FSMP Postdoctoral fellowship</i>	Nov. 2022 - Nov. 2024
	• <i>ISM Scholarship for Outstanding PhD Candidates</i>	Sept. 2020 - Dec. 2020
	• <i>FRQNT - Doctoral research scholarship</i>	April 2018- Sept. 2020
	Awards	
	• <i>Bourse d'excellence J.A. DeSève</i>	Dec. 2020
	• <i>Bourse d'excellence DMS-FESP</i>	Jan. 2019 - April 2019
	• <i>Bourse d'excellence DMS-FESP</i>	Sept. 2018 - Dec. 2018
	• <i>Bourse d'excellence DMS-FESP</i>	Jan. 2018 - April 2018

INVITED TALKS
AND
PRESENTATIONS

Conferences

- *From smooth to C^0 -symplectic geometry: topological aspects and dynamical implications* CIRM, July 2023
- *CAST - Contact And Symplectic Topology Conference 2024*, Bochum, Feb. 2024
- *From Hamiltonian Dynamics to Symplectic Topology and Beyond. A 2024 celebration of Claude Viterbo and his mathematics* Institut Henri Poincaré, June 2024

Seminars

- *Berlin-Hamburg Symplectic Geometry Seminar* HU Berlin, Jan. 19 2024
- *Geometry and Analysis Oberseminar* RWTH-Aachen University, Dec. 14 2023
- *Analysis & Geometry Seminar* Antwerp University, Sept. 2023
- *Local seminar of the Équipe Analyse Algébrique* Institut de mathématiques de Jussieu – Paris Rive Gauche, Feb. 2023
- *Working seminar on symplectic topology and related topics* (Series of 2 talks) Institut de mathématiques de Jussieu – Paris Rive Gauche, Jan. 2023
- *Séminaire Symplectix* Institut Henri Poincaré, Nov. 2022
- *Tel Aviv University Geometry and Dynamics seminar* Virtual, March 2022
- *Symplectic Zoominar of CRM-Montréal, Princeton/IAS, Tel Aviv, and Paris* Virtual, Jan. 2022
- *Montréal Symplectic Seminar* Université du Québec à Montréal, Jan. 2020

Outreach

- *Symposium annuel de physique/mathématiques pour un avenir en recherche et en industrie* Montréal, March 2020

COMMUNITY

- I have refereed for *The Journal of Symplectic Geometry*, *Forum of Mathematics*, *Sigma*, and *Revista Matemática Iberoamericana*
- *Working seminar on Hamiltonian and symplectic dynamics* (Co-organized with Yuan Yao) Sept. 2023 - Present
- *Weekly Working Seminar on Symplectic Topology and Related Topics* (Co-organized with Vincent Humilière and Sobhan Seyfaddini) Nov. 2022 - April 2023
- *Montréal Symplectic Graduate Student's Seminar* (Co-organized with Jean-Phillipe Chassé) Sept 2018 - May 2022

TEACHING	Chargé de Travaux Dirigés (TDs) MA003 - Constructions et raisonnements mathématiques	Winter 2024 <i>Sorbonne Université</i>
	Teaching Assistant MAT 1400 - Multivariable Calculus	Autumn 2019 <i>Université de Montréal</i>
	Teaching Assistant MAT 1600 - Linear Algebra	Autumn 2015 <i>Université de Montréal</i>
	Teaching Assistant MAT 2130 - Complex Analysis	Winter 2015 <i>Université de Montréal</i>
	Teaching Assistant MAT 1903 - Differential Calculus	Autumn 2014 <i>Université de Montréal</i>
PUBLICATIONS	D. CONNERY-GRIGG, <i>Hamiltonian floer theory on surfaces: linking, positively transverse foliations and spectral invariants</i> , <i>Inventiones mathematicae</i> , (2024), pp. 1–92	
	D. CONNERY-GRIGG, F. LALONDE, AND J. PAYETTE, <i>Graphes dans les surfaces et ergodicité topologique</i> . Accepted at the <i>Canadian Journal of Mathematics</i> (2024). Preprint available at: https://arxiv.org/abs/2209.00516	