Tom Ferragut

Curriculum Vitæ

University of Montpellier (IMAG)
France
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Education

Ph.D (2018 – 2022)

Titre	**Metric measured boundaries**
Advisors	Jérémie Brieussel & Constantin Vernicos
Institution	Institut Montpelliérain Alexander Grothendieck (IMAG)

Diploma

2017 – 2018	**University of Montpellier**.
	- Master degree in Fundamental Mathematics
2014 – 2018	**ENS Rennes**.
	- Mathematics departement
2014 – 2017	**University of Rennes 1**.
	- Master degree in Mathematics
	- Bachelor degree in Mathematics

Internships

2018	**About the separation profiles of graphs**, University of Montpellier.
	Under the supervision of **Jérémie Brieussel**.
2016	**The Hurwitz existence problem for a given branched data**, University of Pisa.
	Under the supervision of **Carlo Petronio**.
2015	**Optimisation of a recommendation algorithm**, INRIA, Rennes.
	Under the supervision of **Anne-Marie Kermarrec**.

Publications

2020	**Geodesics and Visual boundary of Horospherical Products**, *University of Montpellier*.
	(Preprint: arXiv:2009.04698)
2018	**Elementary solution of an infinite sequence of instances of the Hurwitz problem**, *With Carlo Petronio, University of Pisa*.
	Rendiconti Lincei Matematica E Applicazioni 29(2) : 297-307. (arXiv: 1805.00305)

Talks

January 2021	**Strukturtheorie Seminar**, *Institut für Diskrete Mathematik, Graz*. "Geodesics and Visual Boundary of Horospherical products"
January 2021	**Séminaire Darboux**, *University of Montpellier*. "Geodesics and Visual Boundary of Horospherical products"
March 2020	**Dynamics and Group Geometry Early Researchers Seminar (DAGGER)**, *University of Warwick*. "Horospherical products of Gromov hyperbolic spaces"
March 2020	**Bristol Junior Geometry Seminar (BRIJGES)**, *University of Bristol*. "Horospherical products of Gromov hyperbolic spaces"
March 2020	**Junior Topology and Group Theory Seminar**, *University of Oxford*. "Horospherical products of Gromov hyperbolic spaces"
February 2020	**Journée des doctorant.e.s**, *University of Montpellier*. "What if the shortest path wasn't a straight line ?"

Responsabilities and Teaching experiences

2019 – 2020	Organiser of the Ph.D students seminars of the University of Montpellier.
2019 – 2021	Tutorials (108h) - Mathematics for Biology (Year 1)
2021	Tutorials (25h) - Linear Algebra (Year 1)
2020	Tutorials (32h) - Linear Algebra (Year 2)
2019	Tutorials (21h) - Statistics for Biology (Year 2)
2019	Tutorials (21h) - Mathematics for Chemistry (Year 1)
2019	CESPROMA project (32h) - Mathematics support courses for first year students (Year 1)
2018	Tutorials (32h) - Linear Algebra and Group Theory (Year 3)

Languages

French	Native language
English	Advanced