Marta Catalano

Department of Decision Sciences
Bocconi University
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Education

2016 – present	**Ph.D. in Statistics**.
	Università Commerciale Luigi Bocconi (Milan, Italy).
	Advisors: Prof. Antonio Lijoi and Prof. Igor Prünster.
	Topics: Vectors of random measures and measures of dependence.
2016 – 2017	**Postgraduate Master in "Big Data Analytics & Social Mining"**.
	Università di Pisa and CNR di Pisa (Pisa, Italy).
	Advisor: Prof. Paolo Ferragina.
	Master thesis title: Information Retrieval on Arpi Dataset.
2012 – 2015	**Master degree in Mathematics** (Laurea Magistrale).
	Università degli studi di Roma Sapienza (Rome, Italy).
	Advisors: Prof. Domenico Fiorenza and Prof. Paolo Papi.
	Master thesis title: Planar 2-Algebras and Khovanov Homology.
	Grade: 110/110 cum laude.
2012 – 2013	**Erasmus program**.
	École Normale supérieure de Lyon (Lyon, France).
	Topics: Algebra and Knot Theory.
2009 – 2012	**Bachelor degree in Mathematics** (Laurea Triennale).
	Università degli Studi di Roma Sapienza (Rome, Italy).
	Advisor: Prof. Domenico Fiorenza.
	Bachelor thesis title: Crystallographic groups.
	Grade: 110/110 cum laude.

Teaching

2019 Autumn	Teaching Assistant for the master course 20179 **Data Analysis** at Bocconi University.
2019 Spring	Teaching Assistant for the undergraduate course 30401 **Mathematics and Statistics** at Bocconi University.
2018 Autumn	Teaching Assistant for the master course 20179 **Data Analysis** at Bocconi University.
2018 Spring	Teaching Assistant for the undergraduate course 30401 **Mathematics and Statistics** at Bocconi University.
2017 Autumn	Teaching Assistant for the master course 20179 **Data Analysis** at Bocconi University.

Papers

Preprints	1. Catalano, M., Lijoi, A., Prünster, I. (2019+). Approximately exchangeable sequences in the Wasserstein distance. *Working paper.*
	2. Catalano, M., Lijoi, A., Prünster, I. (2019+). Approximation of Bayesian models for time-to-event data. *Submitted.*
Conference proceedings	1. Catalano, M., Lijoi, A., Prünster, I. (2019). Bayesian Model Comparison based on Wasserstein Distances. Book of Short Papers SIS2019 Smart Statistics for Smart Applications.

Conferences

Invited talks	XV **CLAPEM** 2019: Latin American Congress of Probability and Mathematical Statistics (Mérida, Mexico, December 2019).
	SIS 2019: Smart Statistics for Smart Applications (Milano, Italy, June 2019).
	Second Italian Meeting on **Probability and Mathematical Statistics** (Vietri sul Mare, Italy, June 2019).
Poster presentations	**O'Bayes 2019** Objective Bayes Methodology Conference (Warwick, UK, June 2019)
	BNP12 12th International Conference on Bayesian Nonparametrics (Oxford, UK, June 2019)
Other	**BAYSM** Bayesian Young Statisticians Meeting (Warwick, UK, July 2018)
	ISBA World Meeting (Edinburgh, UK, June 2018)
	BISP10 10th International Workshop on Bayesian Inference in Stochastic Processes (Milan, Italy, June 2017).
Schools	Bocconi Summer School in Advanced Statistics and Probability: **Graphical models** (Como, Italy, July 2018).
	Bocconi Summer School in Advanced Statistics and Probability: **Statistical Causal Learning** (Como, Italy, July 2017)

Awards and scholarships

2019	**Travel support**, O'Bayes 2019 conference.
	Junior travel support, BNP12 conference.
2016 Autumn	**Ph.D. scholarship**, Bocconi University.
2016 Spring	**Master scholarship**, Pisa University.
2009 – 2015	**Excellence itinerary**, Department of Mathematics G. Castelnuovo at Università degli studi di Roma Sapienza.
	Honor student, Università degli studi di Roma Sapienza.