

Marta Catalano

Department of Decision Sciences, Bocconi University
Via Röntgen 1, 20136 Milano, Italy

marta.catalano@phd.unibocconi.it

Education

2016 – Present	<p>Ph.D. in Statistics (Expected January 2021).</p> <p>Università Commerciale Luigi Bocconi (Milan, Italy).</p> <p>Advisors: Prof. Antonio Lijoi and Prof. Igor Prünster.</p> <p>Topics: <u>Vectors of random measures and measures of dependence.</u></p>
2016 – 2017	<p>Postgraduate Master in “Big Data Analytics & Social Mining”.</p> <p>Università di Pisa and CNR di Pisa (Pisa, Italy).</p> <p>Advisor: Prof. Paolo Ferragina.</p> <p>Master thesis title: Information Retrieval on Arpi Dataset.</p>
2012 – 2015	<p>Master degree in Mathematics (Laurea Magistrale).</p> <p>Università degli studi di Roma Sapienza (Rome, Italy).</p> <p>Advisors: Prof. Domenico Fiorenza and Prof. Paolo Papi.</p> <p>Master thesis title: Planar 2-Algebras and Khovanov Homology.</p> <p>Grade: 110/110 cum laude.</p>
2012 – 2013	<p>Erasmus program.</p> <p>École Normale supérieure de Lyon (Lyon, France).</p> <p>Topics: Algebra and Knot Theory.</p>
2009 – 2012	<p>Bachelor degree in Mathematics (Laurea Triennale).</p> <p>Università degli Studi di Roma Sapienza (Rome, Italy).</p> <p>Advisor: Prof. Domenico Fiorenza.</p> <p>Bachelor thesis title: Crystallographic groups.</p> <p>Grade: 110/110 cum laude.</p>

Publications

Preprints	<ol style="list-style-type: none">1. Catalano, M., De Blasi, P., Lijoi, A., Prünster, I. (2020+). Posterior asymptotics for hierarchical mixture models. <i>Working paper</i>.2. Catalano, M., Lijoi, A., Prünster, I. (2020+). Measuring dependence in the Wasserstein distance for Bayesian nonparametric models. <i>Submitted</i>.3. Catalano, M., Lijoi, A., Prünster, I. (2020+). Approximation of Bayesian models for time-to-event data. <i>Submitted</i>.
Conference Proceedings	<ol style="list-style-type: none">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. https://it.pearson.com/content/dam/region-core/italy/pearson-italy/pdf/Dirigenti%20e%20istituzioni/ISTITUZIONI-HE-PDF-sis2019_V4.pdf

Conferences and Schools

Invited talks	<p>ECOSTA 2020 4th International Conference on Econometrics and Statistics (Limassol, Cyprus, August 2020). Cancelled due to COVID-19 outbreak.</p> <p>CMSTATISTICS 2020 13th International Conference of the ERCIM WG on Computational and Methodological Statistics (London, UK, December 2020).</p> <p>ISBA 15th World Meeting of the International Society of Bayesian Analysis (Kunming, China, June 2021).</p> <p>XV CLAPEM 2019: Latin American Congress of Probability and Mathematical Statistics (Mérida, Mexico, December 2019).</p> <p>SIS 2019: Smart Statistics for Smart Applications (Milano, Italy, June 2019).</p> <p>Second Italian Meeting on Probability and Mathematical Statistics (Vietri sul Mare, Italy, June 2019).</p>
Contributed Posters	<p>O'Bayes 2019 Objective Bayes Methodology Conference (Warwick, UK, June 2019)</p> <p>BNP12 12th International Conference on Bayesian Nonparametrics (Oxford, UK, June 2019)</p>
Attended Conferences	<p>BAYSM Bayesian Young Statisticians Meeting (Warwick, UK, July 2018)</p> <p>ISBA 14th World Meeting of the International Society of Bayesian Analysis (Edinburgh, UK, June 2018)</p> <p>BISP10 10th International Workshop on Bayesian Inference in Stochastic Processes (Milan, Italy, June 2017).</p>
Attended Schools	<p>Bocconi Summer School in Advanced Statistics and Probability: Graphical models (Como, Italy, July 2018).</p> <p>Bocconi Summer School in Advanced Statistics and Probability: Statistical Causal Learning (Como, Italy, July 2017)</p>

Awards and Scholarships

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

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.

Editorial work

Reviewer for *Biometrika* and *Statistics & Probability letters*.