

Giovanni Rebaudo: Curriculum Vitae

CONTACT INFORMATION	Place and date of birth: Milan, Italy— September 3rd 1992 Address: Gates Dell Complex 7.504, 2317 Speedway D9800 Austin, Texas 78712-1823 Email: rebaudo.giovanni@gmail.com Website: https://giovannirebaudo.github.io
RESEARCH INTERESTS	Bayesian Nonparametrics, Model-Based Clustering, Bayesian Computation, Statistical Machine Learning, Time-Series Analysis, Bayesian Dimensionality Reduction, Auditory Neuroscience, Single-cell RNA Analysis
CURRENT POSITION	University of Texas at Austin , Austin, USA Post-Doctoral Research Fellow , Department of Statistics and Data Science 10/2020–Present <ul style="list-style-type: none">• Mentors: Peter Müller and Abhra Sarkar
EDUCATION	Bocconi University , Milan, Italy Ph.D. in Statistics 09/2016–2/2021 <ul style="list-style-type: none">• Topic: <i>Bayesian Inference for Complex Data Structures: Theoretical and Computational Advances</i>• Advisors: Antonio Lijoi and Igor Prünster• <i>Cum Laude</i> University of Trieste , Trieste, Italy M.S. in Statistical and Actuarial Sciences 09/2014–07/2016 <ul style="list-style-type: none">• Topic: <i>Bayesian Hierarchical Model, Theory and Application</i>• Advisors: Francesco Pauli and Nicola Torelli• <i>110/110 Cum Laude</i> University of Milano-Bicocca , Milan, Italy B.S. in Statistical and Economic Sciences 09/2011–07/2014 <ul style="list-style-type: none">• Topic: <i>A New Technique for Estimation of Logarithmic Time Series Models: Forecast comparison based on economic data</i>• Advisor: Matteo Maria Pelagatti• <i>110/110 Cum Laude</i>
RESEARCH WORK	Preprints: <ol style="list-style-type: none">1. A Closed-Form Filter for Binary Time Series A. Fasano, G. Rebaudo, D. Durante and S. Petrone. Statistics and Computing, forthcoming [arXiv]2. Flexible clustering via hidden hierarchical Dirichlet priors A. Lijoi, I. Prünster and G. Rebaudo. [Submitted]3. Clustering consistency with Dirichlet process mixture modelling F. Ascolani, A. Lijoi, G. Rebaudo and G. Zanella. [Submitted]4. Variational inference for the smoothing distribution in dynamic probit models A. Fasano and G. Rebaudo. Book of Short Papers of the Italian Statistical Society, forthcoming [arXiv] [GitHub]
SERVICE TO PROFESSION	I serve as reviewer for the following statistical journals (alphabetic order): Annals of Statistics; Bayesian Analysis; Electronic Journal of Statistics; Statistical Methods & Applications; Statistical Science.
RESEARCH NETWORKS	<ul style="list-style-type: none">• The Bayesian Learning Laboratory (BayesLab)• Complex Data Modeling Research Network led by MiDaS

MEMBERSHIP TO SCIENTIFIC SOCIETIES	<ul style="list-style-type: none"> • International Association for Statistical Computing [IASC] • Institute of Mathematical Statistics [IMS] • International Society for Bayesian Analysis [ISBA] • Italian Statistical Society [SIS] 	
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TEACHING EXPERIENCE	<p>Excellence in Teaching Certificates:</p> <ul style="list-style-type: none"> • Bocconi Excellence In Advanced Teaching by BUILT (BEAT) 2019 <p>Teaching Assistant at Bocconi University, Milan, Italy:</p> <ul style="list-style-type: none"> • Data Analysis - 20179 2017–2020 • Machine Learning II - 20605 2019–2021 	
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FELLOWSHIPS & AWARDS	<p>Bocconi University, Milan, Italy</p> <p>Ph.D. fellowship 09/2016–09/2020</p> <p>Stat Under the Stars 4</p> <ul style="list-style-type: none"> • Predictive challenge: best objective prediction 06/2018 As part of a team, I won the prize best objective prediction in the Stat under the Stars data competition, a satellite event of the SIS 2018 conference. <p>YoungCLADAG data contest</p> <ul style="list-style-type: none"> • Predictive challenge: first position 09/2017 As part of a team, I won a data competition organized by YoungCLADAG, a satellite event of the CLADAG conference. 	
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SUMMER SCHOOLS	<p>[2021] Principles of Machine Learning for Bioinformatics. University of Texas at Austin Summer School. Austin, USA.</p> <p>[2018] Graphical Models. Bocconi Summer School in Advanced Statistics and Probability. Como, Italy.</p> <p>[2017] Statistical Causal Learning. Bocconi Summer School in Advanced Statistics and Probability. Como, Italy.</p>	
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TALKS	<p>Invited Presentations</p> <p>[2022] COMPSTAT 2022 [International Conference on Computational Statistics]. Bologna, Italy.</p> <p>[2021] CMStatistics–ERCIM 2021 [14th International Conference of the ERCIM WG on Computational and Methodological Statistics]. London, United Kingdom.</p> <p>[2021] EcoSta 2021 [International Conference on Econometrics and Statistics]. Hong Kong.</p> <p>[2021] BISP 12 [Bayesian inference in stochastic processes]. Milan, Italy.</p> <p>[2020] CMStatistics–ERCIM 2020 [13th International Conference of the ERCIM WG on Computational and Methodological Statistics]. London, United Kingdom.</p> <p>[2019] IIASA Conference 2019 [International Indian Statistical Association]. Mumbai, India.</p> <p>[2019] Second Italian Meeting in Probability and Statistics. Vietri sul Mare, Italy.</p> <p>Invited Seminars</p> <p>[2021] SDS Seminar Series. Department of Statistics and Data Sciences at the University of Texas at Austin, USA.</p> <p>Contributed Presentations and Poster Presentations</p> <p>[2019] O'Bayes 2019 [Objective Bayes Methodology Conference]. Warwick, United Kingdom.</p> <p>[2019] BNP12 [International Conference on Bayesian Nonparametrics]. Oxford, United Kingdom.</p>	
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LANGUAGES SKILLS	<ul style="list-style-type: none"> • Italian: native speaker • English: good, written and spoken <p>Certification: TOEFL iBT score 104/120 8/2015</p>	
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COMPUTER
SKILLS

- **Statistical Software and Programming Language:** R, Python, SAS, STAN, MATHEMATICA.
- **Software Certifications:**
 1. SUPERVISED MACHINE LEARNING PROCEDURES USING SAS VIYA **2/2019**
 2. SAS CERTIFIED BASE PROGRAMMER FOR SAS 9 **4/2014**
 3. SAS CERTIFIED PREDICTIVE MODELER USING SAS ENTERPRISE MINER 7 **12/2013**
- **Text Elaboration/Spreadsheets:** L^AT_EX, Microsoft Office.

INTERESTS AND
ACTIVITIES

- **Sports:** Hiking, Mountain Climbing, Running.
 - **Other interests:** Philosophy of Science, Epistemology.
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Updated May 5, 2021