

# Tommaso Rigon

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CONTACT INFORMATION	<p>Department of Decision Sciences Bocconi University Via Roentgen, 1 20136 Milan, Italy</p>	<p>Email: <a href="mailto:tommaso.rigon@gmail.com">tommaso.rigon@gmail.com</a> Website: <a href="https://tommasorigon.github.io">https://tommasorigon.github.io</a> Orcid: <a href="https://orcid.org/0000-0002-9224-543X">orcid.org/0000-0002-9224-543X</a></p>
RESEARCH INTERESTS	Applied Bayesian Modeling, Bayesian Nonparametrics, Computational Statistics, Functional Data Analysis	
CURRENT POSITION	Research Affiliate, <a href="#">de Castro Statistics Initiative</a> , <a href="#">Collegio Carlo Alberto</a> (from 09/2017 to 12/2019)	
PAST POSITIONS	<p><b>Business</b></p> <p>Internship at <a href="#">Groupon</a>, Dublin, Ireland. Development of statistical strategies for search engine marketing and landing-page optimization (from 09/2014 to 11/2014)</p> <p>Business analyst (part-time) at <a href="#">Bravofly Rumbo Group</a>, Chiasso, Switzerland. Statistical analysis of A-B testing procedures (from 10/2013 to 07/2014)</p> <p>Internship at <a href="#">Bravofly Rumbo Group</a>, Chiasso, Switzerland (from 05/2013 to 10/2013)</p>	
EDUCATION	<p><b>Bocconi University</b>, Milan, Italy</p> <p>Ph.D., Statistics (<i>Dottorato di ricerca in Statistica</i>), <a href="#">Department of Decision Sciences</a> (from 09/2015 to 09/2019, expected thesis defence 01/2020)</p> <ul style="list-style-type: none"><li>• Thesis Topic: Finite-dimensional nonparametric priors: theory and applications</li><li>• Advisors: <a href="#">Antonio Lijoi</a> and <a href="#">Igor Prünster</a></li></ul> <p><b>Università degli Studi di Padova</b>, Padova, Italy</p> <p>M.S., Statistical Sciences (<i>Laurea Magistrale in Scienze Statistiche</i>), <a href="#">School of Statistics</a> (from 10/2013 to 09/2015)</p> <ul style="list-style-type: none"><li>• Thesis Topic: <a href="#">Functional telecommunication data: a Bayesian nonparametric approach</a></li><li>• Advisor: <a href="#">Bruno Scarpa</a></li><li>• Final mark: 110/110 with laude</li></ul> <p>B.S., Statistics, Economics &amp; Finance (<i>Laurea Triennale in Statistica, Economia &amp; Finanza</i>), <a href="#">School of Statistics</a> (from 10/2010 to 04/2013)</p> <ul style="list-style-type: none"><li>• Thesis Topic: <a href="#">Box-Cox transformation: an analysis based on the likelihood</a></li><li>• Advisor: <a href="#">Nicola Sartori</a></li><li>• Final mark: 110/110 with laude</li></ul>	
AWARDS	<p><b>Academic awards</b></p> <ul style="list-style-type: none"><li>• Best Ph.D. student in Statistics at Bocconi University in the Academic Year 2016/2017 (09/2017)</li></ul> <p><b>Data competitions</b></p> <ul style="list-style-type: none"><li>• Best objective prediction at <a href="#">Stat under the Stars 4</a>, Palermo, Italy (06/2018)</li><li>• Winner of the Young-CLADAG data contest, Milan, Italy (09/2017)</li><li>• Winner of the <a href="#">Bocconi summer school data competition</a>, Como, Italy (07/2017)</li></ul> <p><b>Travel supports</b></p> <ul style="list-style-type: none"><li>• Travel support (400£) for O'Bayes 2019 conference, Warwick, UK (06/2019)</li><li>• Travel support (accommodation) for the BNP12 conference, Oxford, UK (06/2019)</li><li>• ISBA travel support (250\$) for ISBA 2018 world meeting, Edinburgh, UK (06/2018)</li><li>• ISBA travel support (700\$) for the O'Bayes 2017 conference, Austin, Texas (12/2017)</li></ul>	

## PUBLICATIONS

### Articles in refereed journals

1. DURANTE, D. AND RIGON, T. (2019+). Conditionally conjugate mean-field variational Bayes for logistic models. *Statistical Science*, in press
2. RIGON, T., DURANTE, D. AND TORELLI, N. (2019). Bayesian semiparametric modelling of contraceptive behavior in India via sequential logistic regressions. *Journal of the Royal Statistical Society, Series A* **182**(1), 225–247
3. DURANTE, D., CANALE, A. AND RIGON, T. (2019). A nested expectation-maximization algorithm for latent class regression models. *Statistics & Probability Letters* **146**, 97–103

### Submitted and working papers

1. RIGON, T. AND DURANTE, D. (2019+). Tractable Bayesian density regression via logit stick-breaking priors. *arXiv:1701.02969*, under revision
2. LIJOI, A., PRÜNSTER, I. AND RIGON, T. (2019+). Sampling hierarchies of discrete random structures. Submitted
3. RIGON, T. (2019+). An enriched mixture model for functional clustering. Submitted
4. LIJOI, A., PRÜNSTER, I. AND RIGON, T. (2019+). The Pitman–Yor multinomial process for mixture modeling. Submitted
5. LIJOI, A., PRÜNSTER, I. AND RIGON, T. (2019+). Finite-dimensional discrete random structures and Bayesian clustering. Submitted

### Refereed conference proceedings, publications in monographs

1. RIGON, T. (2018). Logit stick-breaking priors for partially exchangeable count data. In *Book of Short Papers of the Italian Statistical Society 2018* (Abbruzzo, A., Piacentino, D., Chiodi, M., and Brentari, E., editors). ISBN: 9788891910233
2. CAPONERA, A., DENTI, F., RIGON, T., SOTTOSANTI, A. AND GELFAND, A. (2018). Hierarchical spatio-temporal modeling of resting state fMRI data. In *Studies in Neural Data Science* (Canale, A., Durante, D., Paci, L., Scarpa, B., editors)

## CONFERENCES PRESENTATION

### Invited presentations

- 11th International Conference of the ERCIM WG on Computational and Methodological Statistics, Pisa, Italy (12/2018)
- JSM 2018: Joint Statistical Meetings, Vancouver, Canada (08/2018)
- 49th Scientific meeting of the Italian Statistical Society, Palermo, Italy (06/2018)
- The IISA International Conference on Statistics, Hyderabad, India (12/2017)

### Contributed presentations

- 12th International Conference on Bayesian Nonparametrics, Oxford, UK (06/2019)
- BAYSM 2018: Bayesian Young Statisticians Meeting, Warwick, UK (07/2018)
- YES IX Scalable Statistics: on Accuracy and Computational Complexity, Eindhoven, Netherlands (03/2018)

### Poster presentations

- O'Bayes 2019, Warwick, UK (06/2019)
- 2018 ISBA world meeting, Edinburgh, UK (06/2018)
- O'Bayes 2017, Austin, US (12/2017)
- 10th international workshop on Bayesian inference in stochastic processes (BISP10), Milan, Italy (6/2017)
- Italian Statistical Society (SIS) Bayes 2017, Rome, Italy (02/2017)
- 2016 ISBA world meeting, Cagliari, Italy (06/2016)

SERVICE TO  
PROFESSION

**Referee service**

Annals of Statistics; Bayesian Analysis; Computational Statistics & Data Analysis; Electronic Journal of Statistics; Journal of Computational & Graphical Statistics; Statistical Methods & Applications; Social Indicators Research; Statistics & Probability Letters

**Positions in Academic Societies**

- Elected member of the board (2016-2018) of the [young group \(ySIS\)](#) of the Italian Statistical Society

**Organization of Scientific Events**

- Organizer of the ySIS session *think outside of the black-box: statistical reasoning in applications* of the [SIS2019: Smart Statistics for Smart Applications](#) conference, Milan, Italy (06/2019)
- Member of the organising committee of [Stats under the Stars 5](#), an hackathon for young Data Scientists, Milan, Italy (06/2019)
- Member of the local organising committee of the [10th international workshop on Bayesian inference in stochastic processes \(BISP10\)](#), Milan, Italy (11/2017)

TEACHING

**Bocconi University**, Milan, Italy

Teaching Assistant

- Data Analysis (Academic Year 2016/2017)
- Statistics for Economic and Business (Academic Year 2016/2017)

**Università degli Studi di Padova**, Padova, Italy

Academic tutor

- Introduction to analysis (Academic Year 2014/2015)
- Advanced Statistical Inference (Academic Year 2014/2015)

SUMMER SCHOOLS  
AND WORKSHOPS

**Summer Schools**

- *Bocconi Summer School in Advanced Statistics and Probability*, Como, Italy (07/2017)
- *J. T. Schwartz International School for Scientific Research*, Lipari, Italy (07/2013)

**Workshops**

- [StartUp Research](#), Certosa di Pontignano, Italy (06/2017)