IGOR PRÜNSTER

Bocconi Institute for Data Science and Analytics
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CURRENT ACADEMIC POSITIONS

FEB 2016 – PRESENT	*Professor of Statistics*, Bocconi University, Milano.
JAN 2025 – PRESENT	*Director*, PhD Program in Statistics and Computer Science, Bocconi University, Milano.
FEB 2016 – PRESENT	*Fellow,* Bocconi Institute for Data Science and Analytics (BIDSA) and IGIER, Bocconi University*,* Milano.
JAN 2010 – PRESENT	*Research Affiliate, Statistics Initiative*, Fondazione "de Castro" and Collegio Carlo Alberto, Torino.

PAST ACADEMIC POSITIONS

FEB 2016 – DEC 2024	*Founding Director*, Bocconi Institute for Data Science and Analytics (BIDSA), Bocconi University, Milano.
FEB 2016 – DEC 2024	*Coordinator*, IGIER-BIDSA Visiting Student Initiative (Honors Program)
OCT 2011 – JAN 2016	*Professor of Statistics*, University of Torino, Torino.
JAN 2010 – SEP 2017	*Scientific Director, Statistics Initiative*, Fondazione "de Castro" and Collegio Carlo Alberto, Torino.
JAN 2010 – SEP 2012	*Deputy Director for Education*, Collegio Carlo Alberto, Moncalieri.
SEP 2007 – JAN 2016	*Coordinator*, Allievi Honors Program, Collegio Carlo Alberto, Torino.
OCT 2007 – SEP 2011	*Associate Professor of Statistics*, University of Torino, Torino.
OCT 2005 – SEP 2007	*Assistant Professor of Statistics*, University of Torino, Torino.
NOV 2001 – SEP 2005	*Assistant Professor of Statistics*, University of Pavia, Pavia.

EDUCATION

1998 – 2003	Ph.D. in *Mathematical Statistics*, Department of Mathematics, University of Pavia. Thesis: *Random probability measures derived from increasing additive processes and their application to Bayesian statistics.* Supervisor: Eugenio Regazzini.
1993 – 1998	Degree in *Economics* with honors (110/110 cum laude*)* from *Bocconi University*, Milano. Thesis: *Bayesian Nonparametric Inference: analysis of prior distributions*. Supervisor: Eugenio Regazzini; Co-supervisor: Donato M. Cifarelli.

HONORS AND AWARDS

- *Institute of Mathematical Statistics (IMS) Medallion Lecture and Award* (2027),
- *President* of the International Society for Bayesian Analysis (ISBA) (2021).
- *Fellow* of the American Statistical Association (ASA) (2019).
- *Fellow* of the International Society of Bayesian Analysis (ISBA) (2018).
- *Fellow* of the Institute of Mathematical Statistics (IMS) (2015).
- *Certificate of Appreciation* by International Society for Bayesian Analysis (ISBA) (2013).
- *European Research Council (ERC) Grant* (2012–2018).
- *Sheldon Ekland-Olson Visiting Research Fellow*, University of Texas at Austin, USA (A.Y. 2014/15)

- *Award for best Ph.D. thesis in Statistics*, Italian Statistical Society (2004).
- Finalist of the *L.J. Savage Award* for outstanding doctoral dissertations in Bayesian Econometrics and Statistics sponsored by ASA, ISBA and NBER-NSF (2004).
- *Laha Award*, Institute of Mathematical Statistics (2004).
- *Prize for Best Graduates 1998*, Bocconi University (1998).

EDITORIAL ACTIVITY

- Editor-in-Chief: *Bayesian Analysis* (2025 – present).
- Co-Editor: *Bayesian Analysis* (2014 – 2024).
- Associate Editor:
  - Current:
    Annals of Statistics (2017 – present);
    Econometrics and Statistics (2015 – present);
  - Past:
    Bayesian Analysis (2010–2013);
    Computational Statistics & Data Analysis (2013–2018);
    Electronic Journal of Statistics (2008–2012 & 2016 special issue on Bayesian Nonparametrics);
    Operations Research – Machine Learning and Data Science Area (2018 – 2024).
    Sankhyā, The Indian Journal of Statistics (2012–2015),
    Statistical Methods & Applications, Journal of the Italian Statistical Society (2014–2019).
- Reviewer:
  - Peer-reviewed Journals: *Annals of Applied Probability; Annals of Statistics; Annals of the Institute of Statistical Mathematics; Acta Applicanda Mathematicae; Applied Stochastic Models in Business and Industry; Bayesian Analysis; Bernoulli; Biometrics; Biometrika; BMC Bioinformatics; Computational Statistics & Data Analysis; Communications in Statistics – Theory and Methods & Simulation & Computation; IEEE Access; IEEE Transactions on Information Theory; IEEE Transactions on Pattern Analysis and Machine Intelligence; International Statistical Review; Journal of Business and Economic Statistics; Journal of Classification; Journal of Econometrics; Journal of Mathematical Sciences, Journal of Multivariate Analysis; Journal of Nonparametric Statistics; Journal of Statistical Planning and Inference; Journal of the American Statistical Association; Journal of the Royal Statistical Society- Series A & B & C; MathSciNet; Philosophical Transactions of the Royal Society A; Physica A; PLoS ONE; Psychometrika; Sankhya; Scandinavian Journal of Statistics; Stat; Statistical Science; Statistics; Statistics & Computing; Statistics & Probability Letters; Statistical Methods & Applications; The American Statistician.*
  - Machine Learning Conferences: *AISTATS; ICML, NeurIPS*.

PROFESSIONAL SERVICE

- Institute of Mathematical Statistics (IMS): Council member 2024-2027
- International Society for Bayesian Analysis (ISBA):
  - President, 2021; President-Elect 2020; Past-President 2022.
  - *Program Council*: Chair 2011; Deputy Chair 2010, Past Chair 2012.
  - *Nonparametrics Section*: Chair 2019; Chair-Elect 2018, Past-Chair 2020.
  - *Lindley Prize Committee*: *Chair* 2025.
  - *Prize Committee*: Member 2014–2016.
  - *Board of Directors*: Member 2012–2014.
  - *Zellner Medal* Committee Member 2023-24.
  - *Nominating Committee and Finance Committee*: Chair 2022, ex-officio
- *L.J. Savage Award* Committee Member 2010, 2013, 2014.
- *Blackwell-Rosenbluth* Committee Member 2023.

- Project evaluator:

  European Research Council (ERC), EU*; European Science Foundation (ESF),* EU; *National Science Foundation* (NSF), USA*; Agency for Quality Assurance and Accreditation*, Austria; *Superior Council of the National Fund for Scientific and Technological Development* (Fondecyt), Chile*; Georgia National Science Foundation & Rustaveli Foundation,* Georgia*; Italian Ministry of University and Research* (MIUR), Italy; *Italian National Agency for the Evaluation of Universities and Research Institutes* (ANVUR), Italy; *Netherlands Organization for Scientific Research* (NWO), Netherlands; *Science Fund*, Serbia; *Swiss National Science Foundation* (SNSF), Switzerland; *UK Research and Innovation – EPSRC*, UK.

CONFERENCE PRESENTATIONS AND SEMINARS

PLENARY AND KEYNOTE LECTURES

- *2027 Joint Statistical Meetings and IMS Annual Meeting*, Chicago, USA (Aug 2027) [IMS Medallion Lecture]
- *4th Bayesian Nonparametrics Networking Workshop,* Seoul, Korea (Jul 2026) [Foundational Lecture]
- *2022 International Indian Statistical Association (IISA) Conference,* Bangalore, India (Dec 2022)
- *Japanese Joint Statistical Meeting*, Tokyo, Japan (Sep 2022)
- *24th International Conference on Computational Statistics* (COMPSTAT 2022), Bologna, Italy (Aug 2022)
- *3rd Italian Meeting on Probability and Mathematical Statistics*, Bologna, Italy (Jun 2022)
- *45th Arkansas Spring Lecture Series in the Mathematical Sciences,* University of Arkansas, USA (Nov 2020); principal speaker, 5 lectures [virtual]
- *XLV Meeting of the Chilean Society of Statistics*, Puerto Varas, Chile (Oct 2019)
- *21st Bernoulli Society European Young Statisticians Meeting (EYSM)*, Belgrade, Serbia (Aug 2019)
- *4th Bayesian Young Statisticians Meeting (BAYSM)*, University of Warwick, UK (Jul 2018)
- *10th Conference on Bayesian Nonparametrics,* Raleigh, USA (Jun 2015)
- *12th World Meeting of the International Society of Bayesian Analysis,* Cancun, Mexico (Jul 2014)
- *42nd Annual Meeting of Dutch Statisticians and Probabilists – Stochastics Meeting Lunteren*, Lunteren, Netherlands (Nov2013); 2 plenary lectures
- *7th Conference on Statistical Computation and Complex Systems – Sco'11*, Padova (Sep 2011)

INVITED TALKS

- *Mathematical Statistics in the Information Age*, Bochum, Germany (October 2026)
- *18th World Meeting of the International Society of Bayesian Analysis,* Nagoya, Japan (June 2026)
- *53rd Meeting of the Italian Statistical Society*, Roma, Italy (June 2026)
- *IMS Asia Pacific Rim Meeting 2026,* Hong Kong (June 2026)
- *IMS International Conference on Statistics and Data Science (ICSDS)*, Sevilla, Spain (December 2025)
- *Joint Statistical Meetings 2025,* Nashville, USA (August 2025)
- *8th International Conference on Econometrics and Statistics*, Tokyo, Japan (August 2025).
- *14th Bayesian Nonparametrics World Meeting*, Los Angeles, USA (June 2025)
- *International Conference on Recent Developments in Bayesian Statistics*, Varanasi, India (January 2025)
- *International Workshop on Bayesian Frontiers*, Varanasi, India (January 2025); 2 lectures.
- *7th Latin American Congress on Bayesian Statistics (COBAL VII),* Belo Horizonte, Brazil (December 2024)
- *Bernoulli-IMS 11th World Congress in Probability and Statistics,* Bochum, Germany (August 2024)
- *VIASM Workshop on Bayesian Learning and Network Analysis*, Hanoi, Vietnam (July 2024)

- *50 Years of Ferguson's 1973 Dirichlet Process Paper*, Los Angeles, USA (November 2023)
- *6th International Conference on Econometrics and Statistics*, Tokyo, Japan (August 2023).
- *Vietnam Institute for Advanced Study in Mathematics (VIASM) Summer School in Bayesian Statistics and Computation,* Ho Chi Minh City, Vietnam (July 2023); 2 lectures.
- *International Symposium on Nonparametric Statistics (ISNPS 2020),* Paphos, Cyprus (Jun 2022).
- *Workshop on Bayesian Nonparametrics*, Pohang, South Korea (May 2022).
- *BIRS-CMO Workshop on Foundations of Objective Bayesian Methodology*, Oaxaca, Mexico (Nov 2021).
- *15th World Meeting of the International Society of Bayesian Analysis,* virtual (Jun 2021); invited discussant for *de Finetti Lecture* by Jim Berger.
- *2019 International Indian Statistical Association (IISA) Conference,* Mumbai, India (Dec 2019)
- *4th ISBA-East Asia Chapter Conference*, Kobe, Japan (Jul 2019).
- *Statistics Conference in Honor of Aad van der Vaart 60th Birthday*, Leiden, Netherlands (Jun 2019).
- *Bayesian Statistics in the Big Data Era*, Luminy, France (Nov 2018).
- *Joint Statistical Meetings 2018*, Vancouver, Canada (Aug 2018).
- *International Conference on Probability Theory and Mathematical Statistics*, Tbilisi, Georgia (Jul 2018).
- *BNPSI 2018: Workshop on Bayesian Nonparametrics for Signal and Image Processing*, Bordeaux, France (Jul 2018).
- *4th International Society for Non-Parametric Statistics (ISNPS) Conference*, Salerno, Italy (Jun 2018).
- *EBEB XIV,* Institute of Pure and Applied Mathematics (IMPA), Rio de Janeiro, Brazil (Mar 2018).
- *2017 International Indian Statistical Association (IISA) Conference,* Hyderabad, India (Dec 2017).
- *Royal Statistical Society 2017 Annual Conference*, Glasgow, UK (Sep 2017).
- *61st World Congress of the International Statistical Institute*, Marrakech, Morocco (Jul 2017).
- *2nd International ISBA-East Asia Chapter Conference*, Changchung, China (Jul 2017).
- *Building Bridges Workshop*, Oslo, Norway (May 2017).
- *10th International Chinese Statistical Association Conference*, Shanghai, China (Dec 2016).
- *1st Eastern Asia Meeting on Bayesian Statistics*, Shanghai, China (Dec 2016); tutorial.
- *Joint Statistical Meetings 2016*, Chicago, USA (Aug 2016).
- *13th World Meeting of the International Society of Bayesian Analysis,* Pula, Italy (Jun 2016).
- *Advances in Bayesian nonparametric statistics*, Mexico City, Mexico (Nov 2014).
- *Non-parametric Bayesian Statistics Workshop*, Orléans, France (May 2014).
- *Workshop on Bayesian nonparametrics, modeling & computations*, Chamonix, France (Jan 2014).
- *BIRS Workshop on Random Measures and Measure-Valued Processes*, Banff International Research Station, Banff, Canada (Sep 2013).
- *Workshop on Bayesian Nonparametrics, Lorentz Center,* Leiden, Nertherlands (Jun 2013).
- *Fête Parisienne in Computation, Inference and Optimization*, Institut des Hautes Études Scientifiques (IHES), Paris, France (Mar 2013).
- *ISBA Regional Meeting & International Workshop/Conference on Bayesian Theory and Applications (IWCBTA)*, Varanasi, India (Jan 2013).
- *Bayesian Nonparametrics Workshop,* Providence, USA (Sep 2012).
- *Joint Statistical Meetings 2012*, San Diego, USA (Aug 2012).
- *4th ERCIM International Conference on Computing & Statistics*, London, UK (Dec 2011).
- *Neural Information Processing (NeurIPS) Workshops,* Granada, Spain (Dec 2011).
- *Bayesian Nonparametrics Research Programme*, Veracruz, Mexico (Jul 2011).
- *Computational and Financial Econometrics - CFE'10*, London, UK (Dec 2010).
- *Joint Statistical Meetings 2010*, Vancouver, Canada (Aug 2010).

- 27th *European Meeting of Statisticians,* Toulouse, France (Jul 2009).
- *Workshop on Economics and Uncertainty,* Trieste, Italy (Oct 2009).
- *Workshop on Random Measures and Bayesian Nonparametrics*, Paris, France (Dec 2008).
- 9th *World Meeting of the International Society of Bayesian Analysis,* Hamilton, Australia (Jul 2008).
- *Workshop on Limit Theorems and Applications*, Paris, France (Jan 2008).
- 12th *Alpe Adria YSM*, Piran, Slovenia (Oct 2007).
- *Workshop on Construction and Properties of Bayesian Nonparametric Regression Models*, Isaac Newton Institute, Cambridge, UK (Aug 2007).
- *6th Workshop on Objective Bayesian Methodology*, Rome, Italy (Jun 2007); invited discussant.
- *IX Symposium on Probability and Stochastic Processes*, Guanajato, Mexico (Nov 2006).
- *5th Workshop on Bayesian Nonparametrics*, Jeju, South Korea (Jun 2006).
- *COBAL 2 - Congreso Bayesiano de America Latina*, S. José del Cabo, Mexico (Feb 2005).
- *Joint Statistical Meetings 2004*, Toronto, Canada (Aug 2004).
- 7th *World Meeting of the International Society for Bayesian Analysis,* Vina, Chile (May 2004).
- 13th *European Young Statisticians Meeting,* Ovronnaz, Switzerland (Sep 2003).
- 3rd *Conference on Statistical Computation and Complex Systems – Sco'03,* Treviso, Italy (Sep 2003).
- 3rd *Workshop on Bayesian Inference for Stochastic Processes,* La Manga, Spain (May 2003).
- *Bayesian Nonparametrics Summit*, Ann Arbor, USA (Aug 2001).

SEMINARS

New York University Abu Dhabi, UAE (Nov 2025); *King's College London,* UK (May 2025); *Imperial College London,* UK (Feb 2025); *Technical University Munich,* Germany (Feb 2023); *University of Padova,* Italy (Jun 2018); *Trinity College Dublin,* Ireland (May 2017); *University of Cambridge,* UK (Mar 2017); *University of Bologna,* Italy (Jan 2016); *University of Michigan*, USA (Mar 2015); *Duke University,* USA (Mar 2015); *University of California Santa Cruz,* USA (Mar 2015); *University of Texas at Austin*, USA (Mar 2015); *Rice University,* USA (Oct 2014); *University of Navarra*, Spain (Jan 2010); *Politecnico di Torino*, Italy (Jun 2009); *University of Warwick*, UK (Jan 2009, Apr 2007); *Université Paris VI*, Paris, France (Dec 2007); *University of Oxford*, UK (Apr 2007); *Università di Roma "Tor Vergata"*, Italy (Apr 2006); *UNAM,* Mexico City, Mexico (Feb 2005); *University of Lancaster*, Lancaster, UK (Dec 2004); *Università "L. Bocconi"*, Milan, Italy (Mar 2002); *University of Bath*, Bath, UK (Jun 2001).

CONFERENCE ORGANIZATION

SCIENTIFIC COMMITTEE LEADERSHIP
- Scientific Co-Organizer (with T. Broderick, P. Müller, S. Williamson and Y. Xu) ICERM Workshop *Bayesian nonparametric inference – computational issues*, Providence, USA (Jan 2026).
- Scientific Co-Organizer (with M. Catalano, F. Gao, S. Ghoshal and Y. Xu) BIRS-CMI Workshop *Bayesian Uncertainty Quantification in Large Models*, Chennai, India (Dec 2025).
- Scientific Co-Organizer (with M. De Iorio and P. Müller) Institute for Mathematical Sciences-Nation University of Singapore (IMS-NUS) Thematic Program *Interpretable inference via principled BNP approaches in biomedical research and beyond*, Singapore (Jul-Aug 2024).
- Scientific Co-Organizer (with M. Catalano, P. Jacob, C. Robert, V. Rockova and D. Spanò) Centre International de Recontres Mathématiques (CIRM) Conference *Approximation Methods in Bayesian Analysis*, Luminy, France (Jun 2023).
- Co-Chair of the Scientific Committee, 2nd *International Conference on Econometrics and Statistics*, Hong Kong, China (Jun 2018).
- Scientific Co-Organizer (with R.H. Mena and P. Müller) BIRS-CMO Workshop *Bayesian Nonparametric Inference: Dependence Structures and their Applications*, Oaxaca, Mexico (Dec 2017).

- IMS Invited Program Co-Chair (with A. Lijoi), *78th IMS Annual Meeting & Joint Statistical Meetings 2015*, Seattle, USA (Aug 2015).
- Chair of the Program Committee, *11th World Meeting of the International Society of Bayesian Analysis (ISBA)*, Kyoto, Japan (Jun 2012).
- Chair of the Scientific Committee, *7th Workshop on Bayesian Nonparametrics & Carlo Alberto Research Programme in Bayesian Nonparametrics*, Collegio Carlo Alberto, Moncalieri (Jun–Jul 2009).

SCIENTIFIC COMMITTEE AND ADVISORY BOARD MEMBERSHIP

- Advisory Board Member, *International Conference on Recent Developments in Bayesian Statistics*, Varanasi, India (January 2025).
- Scientific Committee Member, *2024 International Symposium on Nonparametric Statistics*, Braga, Portugal (June 2024).
- Scientific Committee Member, *Autumn School in Bayesian Statistics*, CIRM Luminy, France (Nov 2023).
- Scientific Committee Member, *Workshop on Statistical Data Science*, Bologna, Italy (Aug 2022).
- Scientific Committee Member, *12th Conference on Bayesian Nonparametrics*, Oxford, UK (Jun 2019).
- Advisory Board Member, *Bayesian Nonparametrics Workshop, 32nd Neural Information Processing and Systems (NeurIPS 2018)*, Montreal, Canada (Dec 2018).
- Scientific Committee Member, *13th World Meeting of the International Society of Bayesian Analysis (ISBA)*, Edinburgh, UK (Jun 2018).
- Scientific Committee Member, *International Conference on Econometrics and Statistics*: Hong Kong (Jun 2017, 2021); Tokyo (Aug 2025).
- Scientific Committee Member, *22nd International Conference on Computational Statistics* (COMPSTAT 2016), Oviedo, Spain (Aug 2016).
- Scientific Committee Member, *9th Conference on Bayesian Nonparametrics*, Amsterdam, Netherlands (Jun 2013).
- Scientific Committee Member, *8th Workshop on Bayesian Nonparametrics*, Veracruz, Mexico (Jun 2011).
- Scientific Committee Member, *International Conference of the ERCIM WG on Computational & Methodological Statistics (CMStatistics):* London, UK (Dec 2010, 2011, 2013, 2020), Oviedo (Dec, 2012); Pisa (Dec, 2018).
- Scientific Committee Member, *14th European Young Statisticians Meeting,* Bernoulli Society, Debrecen, Hungary (Aug 2005).

SESSION ORGANIZATION

- Invited Session, *Joint Statistical Meetings 2026,* Boston, USA (Aug 2026).
- Invited Session, *18th World Meeting of the International Society of Bayesian Analysis*; Nagoya, Japan (Jul 2026).
- Invited Session, *17th World Meeting of the International Society of Bayesian Analysis*; Venice, Italy (Jul 2024).
- Invited Session, *16th World Meeting of the International Society of Bayesian Analysis*; Montreal, Canada (Jun 2022).
- Invited Session, *XV CLAPEM Latin American Congress of Probability and Mathematical Statistics*, Merida, Mexico (Dec 2019).
- Invited Session, *2019 IISA International Conference on Statistics,* Mumbai, India (Dec 2019).
- Invited Session, *62nd World Statistics Congress of the International Statistical Institute*, Kuala Lumpur, Malaysia (Aug 2019).
- Contributed Session, *2nd Italian Meeting on Probability & Mathematical Statistics*, Vietri, Italy (Jun 2019).

- Topic Contributed Session, *Joint Statistical Meetings 2018*, Vancouver, Canada (Aug 2018).
- Invited Session, *2017 IISA International Conference on Statistics,* Hyderabad, India (Dec 2017).
- Invited Session, *1st Italian Meeting on Probability & Mathematical Statistics*, Torino, Italy (Jun 2017).
- Special Topic Session, *13th World Meeting of the International Society of Bayesian Analysis,* Pula, Italy (Jun 2016).
- Invited Session (with T. Broderick), *6th Joint IMS-ISBA Meeting MCMSki V*, Lenzerheide, Switzerland (Jan 2016).
- Special Topic Invited Session, 12th *World Meeting of the International Society of Bayesian Analysis (ISBA),* Cancun, Mexico (Jul 2014).
- ISBA Session (with V. Dukic), 36th *Conference on Stochastic Processes and their Applications*, Boulder, USA (Aug 2013).
- Invited Session, *29th European Meeting of Statisticians*, Budapest, Hungary (Jul 2013).
- Invited Session, *ISBA Regional Meeting & International Workshop/Conference on Bayesian Theory and Applications* (IWCBTA), Varanasi, India (Jan 2013).
- Special Topic Session, *58th World Statistics Congress of the International Statistical Institute*, Dublin, Ireland (Aug 2011).
- Invited Session (with A. Lijoi), *International Research Conference on Bayesian Learning*, Istanbul, Turkey (Jun 2011).
- Scientific Session, *Euro Science Open Forum 2010*, Torino (Jul 2010).
- *Tutorials' Day* organization (4 plenary lectures), Isaac Newton Institute Workshop *Construction and Properties of Bayesian Nonparametric Regression Models*, Cambridge, UK (Aug 2007).

LOCAL ORGANIZING COMMITTEES
- *10th Workshop on Bayesian Inference for Stochastic Processes*, Milano, Italy (Jun 2017).
- *13th World Meeting of the International Society of Bayesian Analysis (ISBA),* Pula, Italy (Jun 2016).
- *Advances in Statistics, Probability and Mathematical Physics - a Conference in Honor of Eugenio Regazzini*, Pavia, Italy (Jun 2016).
- *Carlo Alberto Stochastics Workshop* Series, Collegio Carlo Alberto, Moncalieri (3 editions: Jun 2010, Mar 2012, Jan 2014).
- *7th Workshop on Bayesian Nonparametrics*, Collegio Carlo Alberto, Moncalieri (Jun 2009).
- *Carlo Alberto Research Programme in Bayesian Nonparametrics*, Collegio Carlo Alberto, Moncalieri (Jul 2009).
- *Stochastic Methods in Finance Conference,* Torino (Jul 2008).
- *2nd Joint IMS-ISBA Meeting* in Bormio, Italy (Jan 2005).

RESEARCH VISITS
- *Mathematisches Forschungsinstitut Oberwolfach*, Oberwolfach, Germany (Jul 2026; May 2021).
- *Department of Statistical Sciences,* Duke University, USA (Mar 2026; Mar 2025).
- *Institute of Computational and Experimental Research in Mathematics (ICERM)*, Brown University, USA (Jan 2026).
- *NYU Stern Abu Dhabi,* UAE (Nov 2025).
- *Hong Kong Polytechnic University,* Hong Kong (April 2025)
- *Department of Mathematics,* University of Maryland, USA (Mar 2025; Mar 2024).
- *Institute of Mathematical Sciences,* National University of Singapore, Singapore (Jul-Aug 2024).
- *Department of Statistics and Data Science*, University of Texas at Austin, USA (Mar 2023; Dec 2021; Feb 2017; Jul 2016; Mar 2016; Dec 2015; Sep 2014 – Aug 2015).
- *Department of Statistics*, University of California Irvine, USA (Apr 2017).
- *Department of Statistics, University of Michigan,* USA (Apr 2016).

- *Statistical and Applied Mathematical Sciences Institute (SAMSI),* Research Triangle Park, USA (June 2015); *Invited Visiting Fellow.*
- *Department of Mathematics, University of Texas at Austin,* USA (Sep 2013).
- *Department of Statistics, Columbia University,* USA (Sep 2013 & 2012).
- *Lorentz Center,* Leiden University, Netherlands (Jun 2013); *Invited Visiting Fellow.*
- *Institute of Computational and Experimental Research in Mathematics (ICERM)*, Brown University, USA (Sep–Oct 2012); *Invited Visiting Fellow.*
- *Institute of Research in Applied Mathematics and Systems,* UNAM, Mexico (Sep 2010, Nov 2006).
- *Centre for Research in Statistical Methodology, Warwick University*, UK (Jan 2009, Apr 2007).
- *Institute of Mathematics, Statistics and Actuarial Sc., University of Kent*, UK (Jan 2009, Dec 2004).
- *Centre de Recherche Modal'X, Université Paris Ouest Nanterre,* France (Dec 2008).
- *Laboratoire de Statistique Théorique et Appliquée, Université Paris VI,* France (Dec 2007, Jun 2005).
- *Hong Kong University of Science and Technology*, Hong Kong (Nov 2007).
- *Isaac Newton Institute*, Cambridge, UK (Jul–Aug 2007); *Invited Visiting Fellow.*
- *Department of Statistics*, ITAM, Mexico (Feb 2005).
- *Department of Mathematics and Statistics, University of Lancaster,* UK (Dec 2004).
- *Department of Mathematical Sciences*, *University of Bath*, UK (Nov 2003 & 2002, May – Aug 2001).

SUPERVISION

POSTDOCTORAL FELLOWS (WITH CURRENT POSITION)

- *Junyi Zhang,* Post-doc, Bocconi University (co-supervisor A. Lijoi); June 2024 – September 2025; Assistant Professor, Education University Hong Kong.
- *Giuseppe Mignemi*, Post-doc, Bocconi University (co-supervisor A. Lijoi); Feb 2024 – July 2025; Postdoc, Czech Academy of Sciences, Czech Republic.
- *Maria Fernanda Gil Leyva Villa,* Postdoc, Bocconi University; Mar 2021 – April 2022; Assistant Professor, IIMAS-UNAM, Mexico.
- *Giacomo Zanella,* Post-doc, Bocconi University; Oct 2016 – Sep 2019; Associate Professor, Bocconi University, Italy.
- *Federico Camerlenghi*, Post-doc, Bocconi University; Jan 2016 – Dec 2016; Professor, University of Milano Bicocca, Italy.
- *Julyan Arbel*, Post-doc, Collegio Carlo Alberto and Bocconi University; Oct 2013 – Sep 2016: Associate Researcher, INRIA Grenoble, France.
- *Bernardo Nipoti*, Post-doc, Collegio Carlo Alberto and University of Torino; Jul 2011 – Feb 2016; Professor, University of Milano Bicocca, Italy.
- *Antonio Canale*, Post-doc, University of Torino; Jan 2012 – Sep 2012; Associate Professor, University of Padova, Italy.
- *Reza Solgi*, Post-doc, University of Torino; Feb 2013 – Feb 2014; Research Scientist, Amazon, USA.
- *Juan Carlos Martinez Ovando*, Post-doc, University of Torino; June 2010 – Jul 2011; Assistant Professor, ITAM, Mexico.
- *Pierpaolo De Blasi*, Post-doc, University of Torino; Oct 2006 – Dec 2009; Professor, University of Torino, Italy.
- *Matteo Ruggiero*, Post-doc, University of Torino; Feb 2007 – Jan 2008; Professor, University of Torino, Italy.

PHD STUDENTS (WITH CURRENT POSITION)

- *Qiufei Yao,* Bocconi University (co-supervisor A. Lijoi); expected Jan 2029.
- *Sebastiano Bianchi*, Bocconi University (co-supervisor A. Lijoi); expected Jan 2028.
- *Ivan Golovko,* Bocconi University (co-supervisor A. Lijoi); expected Jan 2028.

- *Claudio Del Sole*, Bocconi University (co-supervisor A. Lijoi); thesis: Contributions to dependent processes in Bayesian Nonparametrics, Jan 2025; Postdoctoral Fellow, University of Milano Bicocca, Italy.
- *Filippo Ascolani*, Bocconi University (co-supervisor A. Lijoi); thesis: Hierarchical structures in Bayesian Statistics, Jan 2024; Assistant Professor, Duke University, USA.
- *Francesco Gaffi*, Bocconi University (co-supervisor A. Lijoi); thesis: Modelling with discrete random probability measures, Jan 2023; Postdoctoral Fellow, University of Maryland, USA.
- *Beatrice Franzolini*, Bocconi University (co-supervisor A. Lijoi); thesis: On Dependent Processes in Bayesian Nonparametrics: Theory, Methods and Applications, Feb 2022; Assistant Professor, University of Milano Bicocca, Italy.
- *Marta Catalano*, Bocconi University (co-supervisor A. Lijoi); thesis: *On Complex Dependence Structures in Bayesian Nonparametrics: a Distance-based Approach*, Feb 2021 [finalist of *L.J Savage Award* by ISBA & ASA]; Assistant Professor, LUISS University, Italy.
- *Augusto Fasano*, Bocconi University (co-supervisor D. Durante); thesis: *Advances in Bayesian Inference for Binary and Categorical Data*, Feb 2021 [finalist of *L.J Savage Award* by ISBA & ASA]; Assistant Professor, University of Torino, Italy.
- *Giovanni Rebaudo*, Bocconi University (co-supervisor A. Lijoi); thesis: *Bayesian Inference for Complex Data Structures: Theoretical and Computational Advances*, Feb 2021; Assistant Professor, University of Torino, Italy.
- *Tommaso Rigon*, Bocconi University (co-supervisor A. Lijoi); thesis: *Finite-dimensional non parametric priors: theory and applications*, Jan 2020 [winner of *L.J Savage Award* by ISBA & ASA]; Assistant Professor, University of Milano Bicocca, Italy.
- *Federico Camerlenghi*, University of Pavia (co-supervisor A. Lijoi); thesis: *Hierarchical and Nested Random Probability Measures with Statistical Applications,* Dec 2015 [winner of *L.J Savage Award* by ISBA & ASA and award for best PhD thesis in Statistics by the Italian Statistical Society]; Professor, University of Milano Bicocca, Italy.
- *Consuelo Nava*, University of Torino (co-supervisor R.H. Mena); thesis: *Some advances in Bayesian Modeling and Computation*, Feb 2014; Associate Professor, University of Valle d'Aosta, Italy.
- *Karla E. Medina*, University of Torino (co-supervisor R.H. Mena); thesis: *Computational methods for Bayesian nonparametric mixtures and their applications*, Mar 2011; Banorte Generali Group, Mexico.
- *Georgia Hadjicharalambous*, University of Torino; thesis: *Some contributions to distribution theory and mixture models*, Jan 2010.

SELECTED MSc STUDENTS (WITH FIRST PLACEMENT)
- *Matteo Micaglio,* Bocconi University, Jul 2025; PhD in Statistics, University of Texas at Austin, started Sep 2025
- *Susanna Paoli,* Bocconi University, Jul 2025; PhD in Statistics and Machine Learning, Imperial College London, started Sep 2025.
- *Alessandro Sinai*, Bocconi University, Jul 2024; PhD in Statistics, Stanford University, started Sep 2024.
- *Nicola Bariletto*, Bocconi University, Jul 2022; PhD in Statistics, University of Texas at Austin, started Sep 2023 [winner of *Giorgio Mortara Scholarship* by the Bank of Italy].
- *Benedetta Bruni*, Bocconi University, Apr 2022; PhD in Statistics, Duke University, started Sep 2022.
- *Stefano Cortinovis*, Bocconi University, Jul 2022; PhD in Statistical Machine Learning, Oxford University, started Sep 2022.
- *Filippo Monti*, Bocconi University, Jul 2022; PhD in Biostatistics, University of California Los Angeles, started Sep 2022.
- *Renato Berlinghieri,* Bocconi University, Jul 2021; PhD in Electronic Engineering and Computer Science (EECS), MIT; started Sep 2021.

- *Beatrice Cantoni,* Bocconi University, Apr 2021; PhD in Statistics, University of Texas at Austin, started Sep 2021.
- *Ludovico Crippa*, Bocconi University, Apr 2020; PhD in Operations, Information and Technology, Stanford University, started Sep 2020.
- *Paolo Ceriani,* Bocconi University, Jul 2020 (co-supervisor G. Zanella); PhD in Statistics and Computer Science, Bocconi University, 2025.
- *Luca Masserano*, Bocconi University, Jul 2020 (co-supervisor A. Lijoi); PhD in Statistics, Carnegie Mellon University, started Sep 2020.
- *Alice Cima*, Bocconi University, Mar 2019; PhD in Statistics, University of California at Berkeley, started Sep 2019 [winner of *Giorgio Mortara Scholarship* by the Bank of Italy].
- *Woo Jung Kim,* Bocconi University, Jul 2019; PhD in Statistics, University of Warwick, 2024.
- *Giacomo Mantegazza*, Bocconi University, Jul 2018 (co-supervisor A. Lijoi); PhD in Operations, Information and Technology, Stanford University, 2024.
- *Vincenzo Loffredo*, Bocconi University, Jul 2018 (co-supervisor A. Lijoi); PhD in Statistics, University of Michigan, 2024.
- *Lorenzo Masoero*, University of Torino and Collegio Carlo Alberto, Jul 2016 (co-supervisor P. De Blasi); PhD in Electronic Engineering and Computer Science (EECS), MIT, 2021.
- *Cecilia Balocchi*, University of Torino and Collegio Carlo Alberto, Jul 2015 (co-supervisors C. Cattuto, A. Lijoi); PhD in Statistics, Wharton School - University of Pennsylvania, 2020.
- *Fabrizio Lecci*, University of Torino and Collegio Carlo Alberto, Jul 2011; PhD in Statistics, Carnegie Mellon University, 2015.
- *Silvia Montagna*, University of Torino and Collegio Carlo Alberto, Jul 2009; PhD in Statistics, Duke University, 2013.
- *Alessandro Arlotto*, University of Torino, Jul 2007 (co-supervisor M. Scarsini); PhD in Operations Research, Wharton, University of Pennsylvania, 2012.

FUNDING

RESEARCH PROJECTS

- National coordinator, European Union -Next Generation EU PRIN-PNRR Project 2023-2026: *Measuring Biodiversity via Bayesian Nonparametrics: Estimation, Clustering and Uncertainty Quantification.*
- Member of the Bocconi Unit, Research Project of National Interest (PRIN) 2023-2026: *Discrete random structures for learning and prediction*; National Coordinator: Antonio Lijoi.
- National coordinator, Research Project of National Interest (PRIN) 2017-2020: *Modern Bayesian Nonparametric Methods.*
- Principal Investigator of the *European Research Council (ERC) Starting Grant (Consolidators' Group)* 2012–2017 *New directions in Bayesian Nonparametrics*; team: Pierpaolo De Blasi, Stefano Favaro, Antonio Lijoi, Matteo Ruggiero.
- Principal Investigator Carlo Alberto Research Project 2010–2012 *New approaches to stochastic modeling in Economics via Bayesian Nonparametrics.*
- Principal Investigator of the Research Project 2009–2012 *Stochastic Methods for Policy* funded by the Piedmont Region.
- Coordinator of the Torino Unit, Research Project of National Interest (PRIN) 2009–2011: *Bayesian methods: theoretical developments and novel applications;* National Coordinator: Eugenio Regazzini.
- National coordinator, Research Project of National Interest (PRIN) 2006–2008: *Bayesian nonparametric methods for clustering, survival analysis and predicting the number of species.*
- Member of the Pavia Unit, Research Project of National Interest (PRIN) 2003–2005: *Bayesian networks and causal inference: methodology and applications;* National coordinator: Guido Consonni.

- Member of the Pavia Unit, Research Project of National Interest (PRIN) 2002–2004: *Bayesian nonparametric methods and their applications;* National coordinator: Eugenio Regazzini.
- Principal Investigator, Italian Ministry of University and Research - Young Researchers Project 2002: *Bayesian Nonparametrics: theory and applications.*
- Member of the Pavia Unit, Research Project of National Interest (PRIN) 2000–2002: *Stochastic processes, stochastic calculus and applications;* National coordinator: Maurizio Pratelli.

FUNDING FOR VISITING POSITIONS, POSTDOCS AND PHD SCHOLARSHIPS

- Carlo Alberto Visiting Fellowship for R.H. Mena (UNAM; 2011–2012).
- *ICER Fellowships* for visiting University of Torino: R.H. Mena (UNAM; 2007 & 2009), S.G: Walker (University of Kent, 2006).
- *Lagrange Fellowship* for visiting University of Torino: G. Peccati (University of Paris VI, 2007).
- Piedmont Region "Brain Drain Project", 2 year Post-Doc Grant: P. De Blasi (2008).
- CRT Foundation-Alfieri Project, 1 year Post-Doc Grant: M. Ruggiero (2007).
- CRT Foundation-Alfieri Project, 2 year Post-Doc Grant: P. De Blasi (2006).
- ISI Foundation-Lagrange Project, 3 year Ph.D. scholarship Grant: K.E. Medina (2006).

INDIVIDUAL TRAVEL GRANTS

- *EMS travel grant*, *25th European Meeting of Statisticians* (2005).
- *ASA travel grant*, *Joint Statistical Meetings* (2004).
- *WC2004 grant, 6th World Congress of the Bernoulli Society* (2004).
- *Travel grant, 7th World Meeting of the International Society for Bayesian Analysis* (2004).
- *Travel grant, 7th Valencia International Meeting on Bayesian Statistics* (2002).
- *Short term mobility grant* for visiting University of Bath, *Italian National Research Council* (2001).

SOCIETY MEMBERSHIPS

American Statistical Association, Bernoulli Society, Institute of Mathematical Statistics, International Society for Bayesian Analysis, Italian Statistical Society and *Royal Statistical Society*.

LOCAL ADMINISTRATIVE DUTIES

- Member of the Research Committee, Bocconi University (2025-current)
- Member of the Executive Committee, Department of Decision Sciences, Bocconi University (2016-current)
- Member of the Junior Hiring Committee, Department of Decision Sciences, Bocconi University (2016-current)
- Board Member, Ph.D. Program in Statistics, Bocconi University Milan (2013 – present).
- Member of the Executive Council and of the Research Committee, Department of Economics and Statistics, University of Torino (2012–2015).
- Board Member, Ph.D. Programs in Statistics & Applied Mathematics and in Economics, University of Torino (2006–2013).
- Research Committee Member, Faculty of Economics, University of Torino (2005–2011).

PUBLICATIONS

PAPERS IN PEER-REVIEWED JOURNALS

[1] Gil-Leyva, M., Lijoi, A., Mena, R., Prünster, I. (2025). Markov stick-breaking processes. *The Annals of Statistics,* forthcoming.

[2] Alamichel, L., Arbel, J., Kon Kam Kim, G., Prünster, I. (2026). Species sensitivity distribution revisited: a Bayesian nonparametric approach. *Journal of the Royal Statistical Society Series C*, forthcoming.

[3] Durante, D., Gaffi, F., Lijoi, A., Prünster, I. (2025). Partially Exchangeable Stochastic Block Models for (Node-Colored) Multilayer Networks. *Journal of the American Statistical Association*, 120, 1811-1827.

[4] Gaffi, F., Lijoi, A., Prünster, I. (2025). Random probability measures with fixed mean distribution. *The Annals of Applied Probability*, 35, 2239-2261.

[5] Catalano, M., Lavenant, H., Lijoi, A., Prünster, I. (2024). A Wasserstein index of dependence for random measures. *Journal of the American Statistical Association*, 119, 2396-2406.

[6] Ascolani, F., Franzolini, B., Lijoi, A. and Prünster, I. (2024). Nonparametric priors with full-range borrowing of information. *Biometrika*, 111, 945-969.

[7] Catalano, M., Del Sole, C., Lijoi, A., Prünster, I. (2024). A unified approach to hierarchical random measures. *D. Basu Centennial Volume*, *Sankhya-The Indian Journal of Statistics,* 86, S255-287.

[8] Lijoi, A., Prünster, I. and Rigon, T. (2024). Finite-dimensional discrete random structures and Bayesian clustering. *Journal of the American Statistical Association*, 119, 929-941.

[9] Catalano, M., Lijoi, A., Prünster, I. and Rigon, T. (2023). Bayesian modeling via discrete nonparametric priors. *Japanese Journal of Statistics and Data Science*, 6, 607-624.

[10] Franzolini, B., Lijoi, A. and Prünster, I. (2023). Model Selection for Maternal Hypertensive Disorders with Symmetric Hierarchical Dirichlet Processes. *The Annals of Applied Statistics,* 17, 313-332.

[11] Lijoi, A., Prünster, I. and Rebaudo G. (2023). Flexible clustering via hidden hierarchical Dirichlet priors. *Scandinavian Journal of Statistics,* 50, 213-234.

[12] Canale, A., Lijoi, A., Nipoti, B. and Prünster, I. (2023). Inner spike and slab Bayesian nonparametric models. *Econometrics and Statistics*, 27, 120-135.

[13] Catalano, M., De Blasi, P., Lijoi, A. and Prünster, I. (2022). Posterior asymptotics for Boosted Hierarchical Dirichlet Process Mixtures. *Journal of Machine Learning Research, 23 (80), 1-23*.

[14] De Blasi, P., Mena, R.H. and Prünster, I. (2022). Asymptotic behavior of the number of distinct values in a sample from the geometric stick-breaking process. *Annals of the Institute of Statistical Mathematics*, 74, 143-165.

[15] Catalano, M., Lijoi, A. and Prünster, I. (2021). Measuring dependence in the Wasserstein distance for Bayesian nonparametric models. *The Annals of Statistics*, 49, 2916-2947.

[16] Arbel, J., Kon Kam King, G., Lijoi, A., Nieto-Barajas, L.E., and Prünster, I (2021). BNPdensity: Bayesian nonparametric mixture modelling in R. *Australian & New Zealand Journal of Statistics*, 63, 542-564.

[17] Camerlenghi, F., Lijoi, A. and Prünster, I. (2021). Survival analysis via hierarchically dependent mixture hazards. *The Annals of Statistics*, 49, 863-884.

[18] Lijoi, A., Prünster, I. and Rigon, T. (2020). The Pitman-Yor multinomial process for mixture modeling. *Biometrika*, 107, 891-906.

[19] Catalano, M., Lijoi, A. and Prünster, I. (2020). Approximation of Bayesian model for time-to-event data. *Electronic Journal of Statistics*, 14, 3366-3385.

[20] Lijoi, A., Prünster, I. and Rigon, T. (2020). Sampling hierarchies of discrete random structures. *Statistics and Computing*, 30, 1591-1607.

[21] De Blasi, P., Martinez, A.E., Mena, R.H. and Prünster, I. (2020). On the inferential implications of decreasing weight structures in mixture models. *Computational Statistics & Data Analysis*, 147, 106940.

[22] Graziadei, H., Lijoi, A., Lopes, H.F., Marques F., P.C. and Prünster, I. (2020). Prior sensitivity analysis in a semi-parametric integer-valued time series model. *Entropy*, 22, 69.

[23] Camerlenghi, F., Dunson, D.B., Lijoi, A., Prünster, I. and Rodriguez, A. (2019). Latent nested nonparametric priors (with discussion). *Bayesian Analysis*, 15, 1303-1356

[24] Camerlenghi, F., Lijoi, A., Orbanz, P. and Prünster, I. (2019). Distribution theory for hierarchical processes. *The Annals of Statistics*, 47, 67-92.

[25] Arbel, J., De Blasi, P. and Prünster, I. (2019). Stochastic approximations to the Pitman-Yor process. *Bayesian Analysis*, 15, 1201-1219.

[26] Camerlenghi, F., Lijoi, A. and Prünster, I. (2018).Bayesian nonparametric inference beyond the Gibbs-type framework. *Scandinavian Journal of Statistics*, 45, 1062-1091.

[27] Anzarut, M., Mena, R.H., Nava, C. and Prünster, I. (2018). Poisson driven stationary Markov models. *Journal of Business and Economic Statistics*, 36, 684-694.

[28] Canale, A., Lijoi, A., Nipoti, B. and Prünster, I. (2017). On the Pitman-Yor process with spike and slab base measure. *Biometrika*, 104, 681-697.

[29] Camerlenghi, F., Lijoi, A. and Prünster, I. (2017). Bayesian prediction with multiple-samples information. *Journal of Multivariate Analysis*, 156, 18-28.

[30] Canale, A. and Prünster, I. (2017). Robustifying Bayesian nonparametric mixtures for count data. *Biometrics*, 73, 174-184.

[31] Arbel, J. and Prünster, I. (2017). A moment-matching Ferguson & Klass algorithm. *Statistics and Computing*, 27, 3-17.

[32] Lijoi, A., Muliere, P., Prünster, I. and Taddei, F. (2016). Innovation, growth and aggregate volatility from a Bayesian nonparametric perspective. *Electronic Journal of Statistics*, 10, 2179-2203.

[33] Favaro, S., Lijoi, A., Nava, C., Nipoti, B., Prünster, I. and Teh, Y.W. (2016). On the stick-breaking representation for homogeneous NRMIs. *Bayesian Analysis*, 11, 697-724.

[34] De Blasi, P., Favaro, S., Lijoi, A., Mena, R.H., Prünster, I. and Ruggiero, M. (2015). Are Gibbs-type priors the most natural generalization of the Dirichlet process? *IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI)*, 37, 212-229.

[35] El-Dakkak, O., Peccati, G. and Prünster, I. (2014). Exchangeable Hoeffding-decomposition over finite sets: a characterization and counterexamples. *Journal of Multivariate Analysis,* 131, 51-64.

[36] Lijoi, A., Nipoti, B. and Prünster, I. (2014). Bayesian inference with dependent normalized completely random measures. *Bernoulli*, 20, 1260-1291.

[37] Lijoi, A., Nipoti, B. and Prünster, I. (2014). Dependent mixture models: clustering and borrowing information. *Computational Statistics & Data Analysis*, 71, 417-433.

[38] Barrios, E., Lijoi, A., Nieto-Barajas L.E. and Prünster, I. (2013). Modeling with normalized random measure mixture models. *Statistical Science*, 28, 313-334.

[39] Favaro, S., Lijoi, A. and Prünster, I. (2013). Conditional formulae for Gibbs-type exchangeable random partitions. *The Annals of Applied Probability*, 23, 1721-1754.

[40] De Blasi, S., Lijoi, A. and Prünster, I. (2013). An asymptotic analysis of a class of discrete nonparametric priors. *Statistica Sinica*, 23, 1299-1322.

[41] Prünster, I. and Ruggiero, M. (2013). A Bayesian nonparametric approach to modelling market share dynamics. *Bernoulli*, 19, 64-92.

[42] Favaro, S., Lijoi, A. and Prünster, I. (2012). A new estimator of the discovery probability. *Biometrics*, 68, 1188-1196.

[43] Favaro, S., Lijoi, A. and Prünster, I. (2012). On the stick-breaking representation of normalized inverse Gaussian priors. *Biometrika*, 99, 663-674.

[44] Favaro, S., Lijoi, A. and Prünster, I. (2012). Asymptotics for a Bayesian nonparametric estimator of species variety. *Bernoulli*, 18, 1267-1283.

[45] Favaro, S., Prünster, I. and Walker, S.G. (2012). On a generalized Chu-Vandermonde identity. *Methodology and Computing in Applied Probability*, 14, 253-262.

[46] Lijoi, A. and Prünster, I. (2011). A conversation with Eugenio Regazzini. *Statistical Science*, 26, 647-672.

[47] Favaro, S., Hadjicharalambous, G. and Prünster, I. (2011). On a class of distributions on the simplex. *Journal of Statistical Planning and Inference*, 141, 2987-3004.

[48] Favaro, S., Prünster, I. and Walker, S.G. (2011). On a class of random probability measures with general predictive structure. *Scandinavian Journal of Statistics*, 38, 359-376.

[49] James, L.F., Lijoi, A. and Prünster, I. (2010). On the posterior distribution of classes of random means. *Bernoulli*, 16, 155-180.

[50] Favaro, S., Lijoi A., Mena, R.H. and Prünster, I. (2009). Bayesian nonparametric inference for species variety with a two parameter Poisson-Dirichlet process prior. *Journal of the Royal Statistical Society-Series B*, 71, 993-1008.

[51] Lijoi A. and Prünster, I. (2009). Distributional properties of means of random probability measures. *Statistics Surveys*, 3, 47-95.

[52] De Blasi, P., Peccati, G. and Prünster, I. (2009). Asymptotics for posterior hazards. *The Annals of Statistics*, 37, 1906-1945.

[53] James, L.F., Lijoi, A. and Prünster, I. (2009). Posterior analysis for normalized random measures with independent increments. *Scandinavian Journal of Statistics*, 36, 76-97.

[54] Nieto-Barajas, L.E. and Prünster, I. (2009). A sensitivity analysis for Bayesian nonparametric density estimators. *Statistica Sinica*, 19, 685-705.

[55] Lijoi A., Mena, R.H. and Prünster, I. (2008). A Bayesian Nonparametric approach for comparing clustering structures in EST libraries. *Journal of Computational Biology*, 15, 1315-1327.

[56] Peccati, G. and Prünster, I. (2008). Linear and quadratic functionals of random hazard rates: an asymptotic analysis. *The Annals of Applied Probability*, 18, 1910-1943.

[57] Lijoi, A., Prünster, I. and Walker, S.G. (2008). Posterior analysis for some classes of nonparametric models. *Journal of Nonparametric Statistics*, 20, 447-457.

[58] Lijoi, A., Prünster, I. and Walker, S.G. (2008). Bayesian nonparametric estimators derived from conditional Gibbs structures. *The Annals of Applied Probability*, 18, 1519-1547.

[59] Lijoi, A., Prünster, I. and Walker, S.G. (2008). Investigating nonparametric priors with Gibbs structure. *Statistica Sinica*, 18, 1653-1668.

[60] James, L.F., Lijoi, A. and Prünster, I. (2008). Distributions of linear functionals of the two parameter Poisson-Dirichlet random measures. *The Annals of Applied Probability*, 18, 521-551.

[61] Nardone, R., Golaszewski, S., Bergmann, J., Venturi, A., Prünster, I., Bratti, A., Ladurner, G. and Tezzon F. (2008). Motor cortex excitability changes following a lesion in the posterior columns of the cervical spinal cord. *Neuroscience Letters,* 434, 119-123.

[62] Lijoi A., Mena, R.H. and Prünster, I. (2007). A Bayesian nonparametric method for prediction in EST analysis. *BMC Bioinformatics*, 8: 339.

[63] Lijoi, A., Mena, R.H. and Prünster, I. (2007). Bayesian nonparametric estimation of the probability of discovering a new species. *Biometrika*, 94, 769-786.

[64] Lijoi, A., Prünster, I. and Walker, S.G. (2007). On convergence rates for nonparametric posterior distributions. *Australian and New Zealand Journal of Statistics,* 49, 209-219.

[65] Lijoi A., Mena, R.H. and Prünster, I. (2007). Controlling the reinforcement in Bayesian nonparametric mixture models. *Journal of the Royal Statistical Society-Series B*, 69, 715–740.

[66] Walker S.G., Lijoi, A. and Prünster I. (2007). On rates of convergence for posterior distributions in infinite-dimensional models. *The Annals of Statistics*, 35, 738-746.

[67] Lijoi, A., Prünster, I. and Walker, S.G. (2007). Bayesian consistency for stationary models. *Econometric Theory* 23, 749-759.

[68] James, L.F., Lijoi, A. and Prünster, I. (2006). Conjugacy as a distinctive feature of the Dirichlet process. *Scandinavian Journal of Statistics*, 33, 105-120.

[69] Walker, S.G., Lijoi, A. and Prünster, I. (2005). Data tracking and the understanding of Bayesian consistency. *Biometrika*, 92, 765-778.

[70] Lijoi, A., Prünster, I. and Walker, S.G. (2005). On consistency of nonparametric normal mixtures for Bayesian density estimation. *Journal of the American Statistical Association*, 100, 1292-1296.

[71] Lijoi, A., Mena, R.H. and Prünster, I. (2005). Bayesian nonparametric analysis for a generalized Dirichlet process prior. *Statistical Inference for Stochastic Processes*, 8, 283-309.

[72] Lijoi, A., Mena, R.H. and Prünster, I (2005). Hierarchical mixture modelling with normalized inverse Gaussian priors. *Journal of the American Statistical Association*, 100, 1278-1291.

[73] Nieto-Barajas, L.E., Prünster, I. and Walker, S.G. (2004). Normalized Random Measures driven by Increasing Additive Processes. *The Annals of Statistics*, 32, 2343-2360.

[74] Lijoi, A. and Prünster, I. (2004). A note on the problem of heaps. *Sankhya-The Indian Journal of Statistics*, 66, 234-242.

[75] Lijoi, A., Prünster, I. and Walker, S.G. (2004). Extending Doob's consistency theorem to nonparametric densities. *Bernoulli,* 10, 651-663.

[76] Epifani, I., Lijoi, A. and Prünster, I. (2003). Exponential functionals and means of neutral-to-the-right priors. *Biometrika,* 90, 791-808.

[77] Regazzini, E., Lijoi, A. and Prünster, I. (2003). Distributional Results for Means of Normalized Random Measures with Independent Increments. *The Annals of Statistics*, 31, 560-585.

PAPERS IN MONOGRAPHS

[78] Lijoi, A. and Prünster, I. (2010). Models beyond the Dirichlet process. In *Bayesian Nonparametrics* (Hjort, N.L., Holmes, C.C., Müller, P., Walker, S.G. Eds.), Cambridge University Press, 80-136.

PAPERS IN CONFERENCE PROCEEDINGS, NOTES AND DISCUSSIONS

[79] Ascolani, F., Lijoi, A. and Prünster, I. (2024). Discussion of "Route and community inference on the latent growth process of a network" by Crane and Xu. *Journal of the Royal Statistical Society-Series B*, 86, 871-872.

[80] Ascolani, F., Lijoi, A. and Prünster, I. (2023). Discussion of "Martingale Posterior Distributions" by Fong, Holmes and Walker. *Journal of the Royal Statistical Society-Series B*, 85, 1404-1405.

[81] Ascolani, F., Catalano, M., and Prünster, I. (2023). Invited discussion of "Evaluating Sensitivity to the Stick-Breaking Prior in Bayesian Nonparametrics". *Bayesian Analysis,* 18, 340-344.

[82] Gaffi, F., Lijoi, A. and Prünster, I. (2022). Specification of the base measure of nonparametric priors via random means. *Springer Proceedings in Mathematics and Statistics*, Vol. 405, 91-100.

[83] Catalano, M., Lavenant, H., Lijoi, A. and Prünster, I. (2022). Wasserstein distance and applications to Bayesian Nonparametrics. *Proceedings of the 51st Meeting of the Italian Statistical Society*, 1491-1496.

[84] Catalano, M., Lijoi, A. and Prünster, I. (2021). Transport Distances on Random Vectors of Measures: Recent Advances in Bayesian Nonparametrics. In *Advances in Probability and Mathematical Statistics*, Springer, 59-70.

[85] Ascolani, F., Franzolini, B., Lijoi, A. and Prünster, I. (2021). On the dependence structure in Bayesian nonparametric priors. *Proceedings of the 50th Meeting of the Italian Statistical Society*, 1219-1225.

[86] Ascolani, F., Lijoi, A., Pruenster, I. and Ruggiero, M. (2021). A framework for filtering in hidden Markov models with normalized random measures. *Proceedings of the 50th Meeting of the Italian Statistical Society*, 733-738.

[87] Camerlenghi, F., Lijoi, A. and Prünster, I. (2019). Bayesian nonparametric prediction with multi-sample data. *Springer Proceedings in Mathematics and Statistics*, Vol. 339, 113-121.

[88] Catalano, M., Lijoi, A. and Prünster, I. (2019). Bayesian model comparison based on Wasserstein distances. *Book of short papers SIS 2019*, 167-172.

[89] Camerlenghi, F., Lijoi, A. and Prünster, I. (2018). Density estimation via hierarchies of nonparametric priors. *JSM 2018 Proceedings*, Section on Bayesian Statistical Science, Alexandria, VA: American Statistical Association, 2596-2605.

[90] Lijoi, A., Mena, R.H. and Prünster, I. (2017). Discussion of "Sparse graphs using exchangeable random measures" by F. Caron and E. Fox. *Journal of the Royal Statistical Society-Series B*, 79, 1353.

[91] Camerlenghi, F., Lijoi, A. and Prünster, I. (2017). On some distributional properties of hierarchical processes. *JSM 2017 Proceedings*, Section on Bayesian Statistical Science, Alexandria, VA: American Statistical Association, 853-860.

[92] Kon Kam King, G., Arbel, J. and Prünster, I. (2017). A Bayesian Nonparametric Approach to Ecological Risk Assessment. *Springer Proceedings in Mathematics and Statistics*, Vol. 194, 151-159.

[93] Arbel, J. and Prünster, I. (2017). On the Truncation Error of a Superposed Gamma Process. *Springer Proceedings in Mathematics and Statistics*, Vol. 194, 11-19.

[94] Camerlenghi, F., Prünster, I. and Ruggiero, M. (2016). On time dependent Gibbs-type random probability measures. *JSM 2016 Proceedings*, Section on Nonparametric Statistics, Alexandria, VA: American Statistical Association, 1969-1976.

[95] Canale, A., Lijoi, A. and Prünster, I. (2016). Bayesian Nonparametrics. *Wiley StatsRef: Statistics Reference Online*, 11pp.

[96] Gaetan, C., Padoan, S.A. and Prünster, I. (2016). Comment on article by Page and Quintana. *Bayesian Analysis,* 11, 307-314.

[97] Kon Kam King, G., Arbel, J. and Prünster, I. (2016). Bayesian Nonparametric Density Estimation in Ecotoxicology. *48e Journées de la Statistique de la SFdS*, 6pp.

[98] Arbel, J. and Prünster, I. (2016). Truncation error of a superposed gamma process in a decreasing order representation. *NeurIPS Advances in Approximate Bayesian Inference Workshop*, 7pp.

[99] Arbel, J. and Prünster, I. (2015). Discussion of "Sequential Quasi-Monte-Carlo Sampling" by M. Gerber and N. Chopin. *Journal of the Royal Statistical Society-Series B*, 77, 569-560.

[100] Lijoi, A. and Prünster, I. (2014). Discussion of "On simulation and properties of the stable law" by L. Devroye and L. James. *Statistical Methods & Applications - Journal of the Italian Statistical Society*, 23, 371-377.

[101] Lijoi, A., Nipoti, B. and Prünster, I. (2014). A Bayesian nonparametric model for combining data from different experiments. *Proceedings of the XLVII Meeting of the Italian Statistical Society*, Vol I, 10pp.

[102] Nava, C., Mena, R.H. and Prünster, I. (2014). On Some Stationary Models: Construction and Estimation. *Springer Proceedings in Mathematics and Statistics*, Vol. 63, 187-191.

[103] Lijoi, A., Prünster, I. and Walker, S.G. (2014). A note on "Bayesian nonparametric estimators derived from conditional Gibbs structures". *The Annals of Applied Probability*, 24, 447-448.

[104] Nava, C., Mena, R.H. and Prünster, I. (2013). On Stationary Markov Models: a Poisson-driven approach. *Proceedings of the 8th Conference on Statistical Computing and Complex Systems - SCo 2013*, 6pp (electronic).

[105] Favaro, S., Lijoi, A. and Prünster, I. (2013). Correction to "A new estimator of the discovery probability". *Biometrics*, 69, 797.

[106] De Blasi, P., Favaro, S., Lijoi, A., Mena, R.H. and Prünster, I. (2012). Two Tales About Bayesian Nonparametric Modeling. *JSM 2012 Proceedings,* Section on Bayesian Statistical Science. Alexandria, VA: American Statistical Association, 1696-1706.

[107] De Blasi, P., Lijoi, A. and Prünster, I. (2012). Large sample properties of Gibbs-type priors. *Proceedings of the XLVI Meeting of the Italian Statistical Society*, Vol II, 4pp.

[108] De Blasi, P. ; Lijoi, A. and Prünster, I. (2011). On consistency of Gibbs-type priors. *Proceedings of the 58th World Statistics Congress of ISI*, 7pp (electronic).

[109] Favaro, S., Lijoi, A., Mena, R.H. and Prünster, I. (2011). On some issues related to species sampling problems. *Proceedings of the 7th Conference on Statistical Computing and Complex Systems - SCo 2011*, 9pp (electronic).

[110] De Blasi, P., Peccati, G. and Prünster, I. (2010). On the Asymptotic Behaviour of Random Cumulative Hazards. *JSM 2010 Proceedings*, Section on Nonparametric Statistics, Alexandria, VA: American Statistical Association, 1063-1074.

[111] Lijoi, A., Muliere, P., Prünster, I. and Taddei, F. (2010). Exchangeable random partitions for statistical and economic modelling. *Atti del Convegno Economia e Incertezza*. EUT, 88-111.

[112] Mena, R.H. and Prünster I. (2007). Alcune considerazioni sulle elezioni presidenziali messicane del 2006 (Italian). *SIS-Magazine* (electronic).

[113] Lijoi, A., Mena, R.H. and Prünster, I. (2006). Bayesian clustering in nonparametric hierarchical mixture models. *Proceedings of the XLIII Meeting of the Italian Statistical Society*, Vol. I, 449-460.

[114] Prünster, I. (2005). Some issues in Bayesian Nonparamterics. *JSM 2004 Proceedings*, Section on Bayesian Statistical Science, Alexandria, VA: American Statistical Association, 196-203.

[115] James, L.F., Lijoi, A. and Prünster, I. (2004). On a class of priors for Bayesian Nonparametrics. *Proceedings of the XLII Meeting of the Italian Statistical Society*, 401-404.

[116] Prünster, I. (2004). Misure di probabilità aleatorie derivate da processi additivi crescenti e loro applicazione alla statistica bayesiana. *Bollettino dell'Unione Matematica Italiana Sez. A*, **7**, 563-566.

[117] Lijoi, A. and Prünster, I. (2003). On a normalized random measure with independent increments relevant to Bayesian nonparametric inference. *Proceedings of the 13th European Young Statisticians Meeting*, Bernoulli Society, 123-134.

[118] Epifani, I., Lijoi, A. and Prünster, I. (2003). A note on the simulation of Lévy processes with a view towards applications. Proceedings of the 3rd Conference on Statistical Computing and Complex Systems - SCo 2003, 188-193.