IGOR PRÜNSTER

CONTACTS

- Address: Dipartimento di Scienze Economico-Sociali e Matematico-Statistiche
  Università di Torino
  Corso Unione Sovietica 218/bis, 10134 Torino - Italy
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CURRENT ACADEMIC POSITIONS

OCT 2011 – PRESENT:	*Professor of Statistics*, University of Torino, Italy
OCT 2012 – PRESENT:	*Coordinator*, Allievi Honors Program, Collegio Carlo Alberto, Italy
MAR 2010 – PRESENT:	*Fellow*, Collegio Carlo Alberto, Italy
JAN 2010 – PRESENT:	*Scientific Director, Statistics Initiative*, Fondazione "de Castro" and Collegio Carlo Alberto

PAST ACADEMIC POSITIONS

OCT 2007 – SEP 2011:	*Associate Professor of Statistics*, University of Torino, Italy
OCT 2005 – SEP 2007:	*Assistant Professor of Statistics*, University of Torino, Italy
NOV 2001 – SEP 2005:	*Assistant Professor of Statistics*, University of Pavia, Italy
JAN 2010 – SEP 2012:	*Deputy Director for Education*, Collegio Carlo Alberto, Italy
SEP 2007 – SEP 2012:	*Vice-Director*, Allievi Honors Program, Collegio Carlo Alberto, Italy
JUN 2004 – DEC 2010:	*Associate Fellow*, ICER, Torino, Italy

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* of Milan Thesis: *Bayesian Nonparametric Inference: analysis of prior distributions* Supervisor: Eugenio Regazzini; Co-supervisor: Donato M. Cifarelli

HONORS AND AWARDS

- *Fellow* of the Institute of Mathematical Statistics (IMS) (2015)
- *Certificate of Appreciation* by International Society for Bayesian Analysis (ISBA) (2013)
- Awarded *European Research Council (ERC) Grant* (2012-2017)
- *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 the American Statistical Association, International Society for Bayesian Analysis and NBER-NSF (2004).
- *Laha Award*, *Institute of Mathematical Statistics* (2004).
- *Springer Poster Prize, 4th International Workshop on Objective Prior Methodology* (2003).
- *Prize for Best Graduates 1998*, Bocconi University (1998).

- Co-Editor: *Bayesian Analysis* (2014 -)

- Associate Editor:
  Bayesian Analysis (2010 - 2013); *Computational Statistics & Data Analysis* (2013 -); *Electronic Journal of Statistics* (2008 - 2012); *Sankhyā, The Indian Journal of Statistics* (2012 -); *Statistical Methods & Applications, Journal of the Italian Statistical Society* (2014 -)

- Reviewer:
  AISTATS; Annals of Applied Probability; Annals of Statistics; Acta Applicanda Mathematicae; Applied Stochastic Models in Business and Industry; Bayesian Analysis; Bernoulli; Biometrics; BMC Bioinformatics; Computational Statistics & Data Analysis; Communications in Statistics – Theory and Methods & Simulation & Computation; IEEE Transactions on Pattern Analysis and Machine Intelligence; Journal of Business and Economic Statistics; Journal of Classification; Journal of Econometrics; 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; Physica A; PLoS ONE; Psychometrika; Quality Technology & Quantitative Management; Sankhya; Scandinavian Journal of Statistics; Stat; Statistics and Computing; Statistics & Probability Letters; Statistical Methods and Applications.

- International Society for Bayesian Analysis:
  Program Council Member (2010-2012, Chair in 2011); *Board of Directors Member* (2012-2014); *Prize Committee Member* (2014-2016).

- Doctoral and Habilitation Committees:
  France: *University of Paris VI*, Paris (2007); *INRIA Bordeaux Sud-Ouest*, Bordeaux (2013).
  Italy: *University of Torino,* Torino (2008); *Bocconi University,* Milano (2009); *University of Milano Bicocca*, Milano (2010); *University of Padova*, Padova (2012).

- *L.J. Savage Award* Committee Member (2010, 2013, 2014).

- Project evaluator and Referee:
  European Research Council (ERC), EU*; 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.

CONFERENCE PRESENTATIONS AND SEMINARS

KEYNOTE TALKS

- *10th Conference on Bayesian Nonparametrics,* Raleigh, USA (June 2015)

- *12th World Meeting of the International Society of Bayesian Analysis,* Cancun, Mexico (July 2014)

- *42nd Annual Meeting of Dutch Statisticians and Probabilists – Stochastics Meeting Lunteren*, Lunteren, Netherlands (November 2013); 2 plenary lectures

- *7th Conference on Statistical Computation and Complex Systems – Sco'11*, Padova (September 2011)

INVITED TALKS

- *13th World Meeting of the International Society of Bayesian Analysis,* Pula, Italy (June 2016)

- *Advances in Bayesian nonparametric statistics*, Mexico City, Mexico (November 2014)

- *Non-parametric Bayesian Statistics Workshop*, Orléans, France (May 2014)

- *Workshop on Bayesian nonparametrics, modeling & computations*, Chamonix, France (January 2014)

- *BIRS Workshop on Random Measures and Measure-Valued Processes*, Banff International Research Station, Banff, Canada (September 2013)

- *Fête Parisienne in Computation, Inference and Optimization,* Institut des Hautes Études Scientifiques (IHES), Paris, France (March 2013)

- *ISBA Regional Meeting & International Workshop/Conference on Bayesian Theory and Applications* (IWCBTA), Varanasi, India (January 2013)
- *Bayesian Nonparametrics Workshop,* Providence, USA (September 2012)
- *Joint Statistical Meetings 2012,* San Diego, USA (August 2012)
- *4th ERCIM International Conference on Computing & Statistics*, London, UK (December 2011)
- *Neural Information Processing (NIPS) Workshops,* Granada, Spain (December 2011)
- *Computational and Financial Econometrics - CFE'10,* London, UK (December 2010)
- *Joint Statistical Meetings 2010,* Vancouver, Canada (August 2010)
- 27th *European Meeting of Statisticians,* Toulouse, France (July 2009)
- *Workshop on Economics and Uncertainty,* Trieste, Italy (October 2009)
- *Workshop on Random Measures and Bayesian Nonparametrics*, Paris, France (December 2008)
- 9th *World Meeting of the International Society of Bayesian Analysis,* Hamilton, Australia (July 2008)
- *Workshop on Limit Theorems and Applications*, Paris, France (January 2008)
- *12th Alpe Adria YSM*, Piran, Slovenia (October 2007)
- *Workshop on Construction and Properties of Bayesian Nonparametric Regression Models*, Isaac Newton Institute, Cambridge, UK (August 2007)
- *6th Workshop on Objective Bayesian Methodology*, Rome, Italy (June 2007); invited discussant
- *IX Symposium on Probability and Stochastic Processes*, Guanajato, Mexico (November 2006)
- *5th Workshop on Bayesian Nonparametrics*, Jeju, South Korea (June 2006)
- *COBAL 2 - Congreso Bayesiano de America Latina*, S. José del Cabo, Mexico (February 2005)
- *Joint Statistical Meetings 2004*, Toronto, Canada (August 2004)
- *7th World Meeting of the International Society for Bayesian Analysis,* Vina, Chile (May 2004)
- *13th European Young Statisticians Meeting,* Ovronnaz, Switzerland (September 2003)
- *3rd Conference on Statistical Computation and Complex Systems – Sco'03,* Treviso, Italy (September 2003)
- *3rd Workshop on Bayesian Inference for Stochastic Processes,* La Manga, Spain (May 2003)
- *Bayesian Nonparametrics Summit*, Ann Arbor, USA (August 2001)

CONTRIBUTED TALKS
- *Workshop on Bayesian Nonparametrics, Lorentz Center,* Leiden, Nertherlands (June 2013)
- *Bayesian Nonparametrics Research Programme*, Veracruz, Mexico (July 2011)
- *25th European Meeting of Statisticians*, Oslo, Norway (July 2005)
- *6th World Congress of the Bernoulli Society,* Barcelona, Spain (July 2004)
- *XVII Congress of the Italian Mathematical Union*, Milan, Italy (September 2003)
- *Stochastic Processes, Stochastic Calculus and Applications Conference*, Pisa, Italy (September 2001)

POSTERS
- *4th International Workshop on Objective Prior Methodology* (O'Bayes), Aussois, France (June 2003)
- *7th Valencia International Meeting on Bayesian Statistics,* Tenerife, Spain (June 2002)

SEMINARS
University of Michigan, USA (March 2015); *Duke University,* USA (March 2015); *University of California Santa Cruz,* USA (March 2015); *University of Texas at Austin*, USA (March 2015); *Rice University,* USA (October 2014); *University of Navarra*, Spain (January 2010); *Politecnico di Torino*, Italy (June 2009); *University of Warwick*, UK (January 2009, April 2007); *Université Paris VI*, Parigi, France (December 2007); *University of Oxford*, UK (April 2007); *Università degli Studi di Roma "Tor Vergata"*, Italy (April 2006); *UNAM,* Mexico City, Mexico (February 2005); *University of Lancaster*, Lancaster, UK (December 2004); *Università "L. Bocconi"*, Milan, Italy (March 2002); *University of Bath*, Bath, UK (June 2001)

CONFERENCE ORGANIZATION

PROGRAM COMMITTEES

- Scientific Committee Member, *22ⁿᵈ International Conference on Computational Statistics* (COMPSTAT 2016), Oviedo, Spain (August 2016)

- IMS Invited Program Co-Chair (with A. Lijoi), *78ᵗʰ IMS Annual Meeting & Joint Statistical Meetings 2015*, Seattle, USA (August 2015)

- Scientific Committee Member, *6ᵗʰ ERCIM International Conference on Computing & Statistics*, London, UK (December 2013)

- Scientific Committee Member, *9ᵗʰ Conference on Bayesian Nonparametrics*, Amsterdam, Netherlands (June 2013)

- Scientific Committee Member, *5ᵗʰ ERCIM International Conference on Computing & Statistics*, Oviedo, Spain (December 2012)

- Chair of the Program Committee*, 11ᵗʰ World Meeting of the International Society of Bayesian Analysis (ISBA)*, Kyoto, Japan (June 2012)

- Scientific Committee Member, *4ᵗʰ ERCIM International Conference on Computing & Statistics*, London, UK (December 2011)

- Scientific Committee Member, *8ᵗʰ Workshop on Bayesian Nonparametrics*, Veracruz, Mexico (June 2011).

- Scientific Committee Member, *3ʳᵈ ERCIM International Conference on Computing & Statistics*, London, UK (December 2010)

- Chair of the Scientific Committee*, 7th Workshop on Bayesian Nonparametrics & Carlo Alberto Research Programme in Bayesian Nonparametrics*, Collegio Carlo Alberto, Moncalieri (June-July 2009)

- Scientific Committee Member, *14th European Young Statisticians Meeting,* Bernoulli Society, Debrecen, Hungary (August 2005)

SESSION ORGANIZATION

- Invited Session (with T. Broderick), *6ᵗʰ Joint IMS-ISBA Meeting MCMSki V*, Lenzerheide, Switzerland (January 2016)

- Special Topic Invited Session, 12ᵗʰ *World Meeting of the International Society of Bayesian Analysis (ISBA),* Cancun, Mexico (July 2014)

- ISBA Session (with V. Dukic), 36ᵗʰ *Conference on Stochastic Processes and their Applications*, Boulder, USA (August 2013)

- Invited Session, *29ᵗʰ European Meeting of Statisticians*, Budapest, Hungary (July 2013)

- Invited Session, *ISBA Regional Meeting & International Workshop/Conference on Bayesian Theory and Applications* (IWCBTA), Varanasi, India (January 2013)

- Special Topic Session, *58ᵗʰ World Statistics Congress of the International Statistical Institute*, Dublin, Ireland (August 2011)

- Invited Session (with A. Lijoi), *International Research Conference on Bayesian Learning*, Istanbul, Turkey (June 2011)

- Scientific Session, *Euro Science Open Forum 2010*, Torino (July 2010).

- *Tutorials' Day* organization (4 plenary lectures), Isaac Newton Institute Workshop *Construction and Properties of Bayesian Nonparametric Regression Models*, Cambridge, UK (August 2007)

LOCAL ORGANIZING COMMITTEES

- 13ᵗʰ *World Meeting of the International Society of Bayesian Analysis (ISBA),* Pula, Italy (June 2016)

- *Carlo Alberto Stochastics Workshop* Series*,* Collegio Carlo Alberto, Moncalieri (3 editions: June 2010, March 2012, January 2014)

- *7th Workshop on Bayesian Nonparametrics*, Collegio Carlo Alberto, Moncalieri (June 2009)

- *Carlo Alberto Research Programme in Bayesian Nonparametrics*, Collegio Carlo Alberto, Moncalieri (2 weeks in July 2009)
- *Stochastic Methods in Finance Conference,* Torino (July 2008)
- *2nd Joint IMS-ISBA Meeting* in Bormio, Italy (January 2005)

RESEARCH VISITING

- *Statistical and Applied Mathematical Sciences Insitute (SAMSI),* Research Triangle Park, USA (June 2015); *Invited Visiting Fellow*
- *Department of Statistics and Data Science*, University of Texas at Austin, USA (September 2014 – August 2015)
- *Department of Mathematics, University of Texas at Austin,* USA (September 2013)
- *Department of Statistics, Columbia University,* USA (September 2013 & 2012)
- *Lorentz Center,* Leiden University, Netherlands (June 2013); *Invited Visiting Fellow*
- *Institute of Computational and Experimental Research in Mathematics (ICERM)*, Brown University, USA (September-October 2012); *Invited Visiting Fellow*
- *Institute of Research in Applied Mathematics and Systems,* UNAM, Mexico (September 2010, November 2006)
- *Centre for Research in Statistical Methodology, Warwick University*, UK (January 2009, April 2007)
- *Institute of Mathematics, Statistics and Actuarial Sciences, University of Kent*, UK (January 2009, December 2004)
- *Centre de Recherche Modal'X, Université Paris Ouest Nanterre,* France (December 2008)
- *Laboratoire de Statistique Théorique et Appliquée, Université Paris VI,* France (December 2007, June 2005)
- *Hong Kong University of Science and Technology*, Hong Kong (November 2007)
- *Isaac Newton Institute*, Cambridge, UK (July-August 2007); *Invited Visiting Fellow*
- *Department of Statistics*, ITAM, Mexico (February 2005)
- *Department of Mathematics and Statistics, University of Lancaster,* UK (December 2004)
- *Department of Mathematical Sciences, University of Bath*, UK (November 2003 & 2002, May-August 2001)

FUNDING

RESEARCH PROJECTS

- 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, PRIN grant; Research Project 2009-2011: *Bayesian methods: theoretical developments and novel applications;* National Coordinator: Eugenio Regazzini
- National coordinator, PRIN grant; Research Project 2006-2008: *Bayesian nonparametric methods for clustering, survival analysis and predicting the number of species*
- Member of the Pavia Unit, PRIN grant; Research Project 2003-2005: *Bayesian networks and causal inference: methodology and applications;* National coordinator: Guido Consonni
- Member of the Pavia Unit, PRIN grant; Research Project 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, PRIN grant; Research Project 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)

POST-DOCS, PH.D STUDENTS AND SELECTED MASTER'S STUDENTS
- Julyan Arbel, Post-doc, Collegio Carlo Alberto; Oct 2013 -
- *Reza Solgi*, Post-doc, University of Torino; Feb 2013 – Feb 2014
- *Bernardo Nipoti*, Post-doc Collegio Carlo Alberto and University of Torino; Jul 2011 -
- *Antonio Canale*, Post-doc, University of Torino; Jan 2012 – Sep 2012
- *Juan Carlos Martinez Ovando*, Post-doc, University of Torino; June 2010- Jul 2011.
- *Pierpaolo De Blasi*, Post-doc, University of Torino; Oct 2006–Dec 2009.
- *Matteo Ruggiero*, Post-doc, University of Torino; Feb 2007–Jan 2008.
- *Consuelo Nava*, Ph.D. Program in Statistics and Applied Mathematics, Graduate School in Economics, University of Torino (co-supervisor R.H. Mena); thesis: *Some advances in Bayesian Modeling and Computation*, defended February 2014.
- *Karla E. Medina*, Ph.D. Program in Statistics and Applied Mathematics, University of Torino (co-supervisor R.H. Mena); thesis: *Computational methods for Bayesian nonparametric mixtures and their applications*, defended March 2011.
- *Georgia Hadjicharalambous*, Ph.D. Program in Decision Sciences, University of Torino; thesis: *Some contributions to distribution theory and mixture models*, defended January 2010.
- *Cecilia Balocchi*, Master in Mathematics, University of Torino and Allievi Honors Program, Collegio Carlo Alberto, July 2015 (co-supervisors C. Cattuto, A. Lijoi; PhD in Statistics, Wharton School - University of Pennsylvania, start September 2015)
- *Fabrizio Lecci*, Master in Finance & Insurance, University of Torino and Allievi Honors Program, Collegio Carlo Alberto, July 2011 (PhD in Statistics, Carnegie Mellon University, 2015).
- *Silvia Montagna*, Master in Economics, University of Torino, and Allievi Honors Program, Collegio Carlo Alberto, July 2009 (PhD in Statistics, Duke University, 2013).
- *Alessandro Arlotto*, Master in Finance, University of Torino, July 2007 (co-supervisor M. Scarsini; PhD in Operations Research, Wharton, University of Pennsylvania, 2012)

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

LOCAL ADMINISTRATIVE DUTIES

- 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 – present)
- Board Member, Ph.D. Programs in Statistics & Applied Mathematics (2006-2011) and in Economics (2009-2013), University of Torino
- Research Committee Member, Faculty of Economics, University of Torino (2005 - 2011)

PUBLICATIONS

PAPERS IN REFEREED JOURNALS

[1] Favaro, S., Lijoi, A., Nava, C., Nipoti, B., Pruenster, I. and Teh, Y.W. (2015). On the stick-breaking representation for homogeneous NRMIs. *Bayesian Analysis*, in press.

[2] 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.

[3] 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.

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

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

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

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

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

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

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

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

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

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

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

[15] 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.

[16] 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.

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

[18] Favaro, S., Lijoi A., Mena, R.H., 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.

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

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

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

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

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

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

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

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

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

[28] James, L.F., Lijoi, A., Prünster, I. (2008). Distributions of Functionals of the Two Parameter Poisson-Dirichlet Process. *The Annals of Applied Probability*, 18, 521-551.

[29] 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.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

PAPERS IN MONOGRAPHS

[46] Lijoi, A., 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

[47] Arbel, J., 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.

[48] Lijoi, A., 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.

[49] 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.

[50] 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.

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