

Nicola SARTORI

(last updated May 2015)

~~Department of Statistics, University of Padua, Italy, since 1972. Nationality: Italian.~~

Address

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Education

October 1998 – February 2002	Ph.D. student at the Department of Statistical Sciences of the University of Padova, Italy. Supervisor: Professor Alessandra Salvan. Thesis title: Likelihood Treatment of Incidental Nuisance Parameters.
October 1991 – November 1997	Undergraduate student in Statistical Sciences at the Department of Statistics of the University of Padova, Italy. Master exam (<i>Laurea</i>) in Statistics and Demography. Score: 110/110 <i>cum laude</i> . Supervisor: Professor Alessandra Salvan. Thesis title: Parametri di disturbo e verosimiglianza profilo modificata (in Italian).

Positions Held

December 2011 – today	Associate Professor at the Department of Statistical Sciences of the University of Padova (dal 10/02/2014 “Abilitazione Scientifica Nazionale” for Full Professor).
October 2010 – November 2011	Assistant Professor at the Department of Statistical Sciences of the University of Padova.
January 2004 – September 2010	Assistant Professor at the Department of Statistics of the University “Ca’ Foscari” of Venice.
January 2002 – December 2003	Associate Researcher (Post-doc) at the Department of Statistical Sciences of the University of Padova.

Visiting periods

September 2014 – December 2014	Visiting Lecturer, Department of Statistical Science, University College London.
February 2010	Department of Statistics, University of Toronto.
October 2006 – December 2006	Academic Visitor at the Chair of Statistics of the Ecole Polytechnique Fédérale de Lausanne.
January 2002 – July 2002	Predocctoral Fellow at the Department of Statistics of the Northwestern University, Evanston, Illinois.
October 1999 – December 2000	Visiting Scholar at the Department of Statistics of the University of Toronto, Canada.

Research Interests

Likelihood and pseudo likelihood methods.
Likelihood asymptotics.
Statistical treatment of nuisance parameters.
Statistical computing.
Skew distributions.

Publications: Journals

- Cattelan, M. and Sartori, N. (2015). Empirical and simulated adjustments of composite likelihood ratio statistics. *Journal of Statistical Computation and Simulation*, forthcoming.
- Pace, L., Salvan, A. and Sartori, N. (2015). Calibrating pseudo likelihood ratios. *Australian and New Zealand Journal of Statistics*, forthcoming.
- Ruli, E., Sartori, N. and Ventura, L. (2015). Approximate Bayesian Computation using composite score functions. *Statistics and Computing*, forthcoming (available at arXiv:1311.7286).
- Kenne Pagui, E. C., Salvan, A. and Sartori, N. (2015). On full efficiency of the maximum composite likelihood estimator. *Statistics and Probability Letters*, **97**, 120-124. DOI: 10.1016/j.spl.2014.11.003.
- Bartolucci, F., Bellio, R., Salvan, A. and Sartori, N. (2015). Modified profile likelihood for panel data models. *Econometric Reviews*, to appear. DOI: 10.1080/07474938.2014.975642. Associated R package panelMPL available at <http://www.dies.uniud.it/index.php/software-bellio.html>.
- Kenne Pagui, E. C., Salvan, A. and Sartori, N. (2014). Combined composite likelihood. *The Canadian Journal of Statistics*, **42**, 525-543.
- Davison, A.C., Fraser, D.A.S., Reid, N. and Sartori, N. (2014). Accurate directional inference for vector parameters in linear exponential families. *Journal of the American Statistical Association*, **109**, 302-314.
- Ruli, E., Sartori, N. and Ventura, L. (2014). Marginal posterior simulation via higher-order tail area approximations. *Bayesian Analysis*, **9**, 129-146.
- Simonato, F., Ventura, L., Sartori, N., Cappellesso, R., Busund, L.T., Fassan, M. and Fassina, A. (2013). Detection of MicroRNAs in archival cytology urine smears. *PLOS ONE*, **8**(2): e57490.
- Ventura, L., Sartori, N., and Racugno, W. (2013). Objective Bayesian higher-order asymptotics in models with nuisance parameters. *Computational Statistics and Data Analysis*, **60**, 90-96.
- Pace, L., Salvan, Alessandra and Sartori, N. (2011). Adjusting composite likelihood ratio statistics. *Statistica Sinica*, **21**, 129-148.
- Sartori, N., Severini, T.A. and Marras, L. (2010). An alternative specification of generalized linear mixed models. *Computational Statistics and Data Analysis*, **54**, 575-584.
- Davison, A. C. and Sartori, N. (2008). The Banff Challenge: statistical detection of a noisy signal. *Statistical Science*, **23**, 354-364.

- Bellio, R. and Sartori, N. (2006). Practical use of modified maximum likelihoods for stratified data. *Biometrical Journal*, **48**, 876-886.
- Sartori, N. (2006). Bias prevention of maximum likelihood estimates for scalar skew normal and skew t distributions. *Journal of Statistical Planning and Inference*, **136**, 4259-4275.
- Sartori, N., Salvan, Alb. and Thomaseth, K. (2005). Multiple imputation of missing values in a cancer mortality analysis with estimated exposure dose. *Computational Statistics and Data Analysis*, **49**, 937-953.
- Sartori, N., Thomaseth, K. and Salvan, Alb. (2004). Local influence analysis when interfacing toxicokinetic and proportional hazard models. *Statistics in Medicine*, **23**, 2399-2412.
- Sartori, N. and Severini, T. A. (2004). Conditional likelihood inference in generalized linear mixed models. *Statistica Sinica*, **14**, 349-360.
- Bellio, R. and Sartori, N. (2003). Extending conditional likelihood in models for stratified binary data. *Statistical Methods and Applications*, **12**, 121-132.
- Sartori, N. (2003). Modified profile likelihoods in models with stratum nuisance parameters. *Biometrika*, **90**, 533-549.
- Sartori, N. (2003). A note on likelihood asymptotics for normal linear regression. *Annals of the Institute of Statistical Mathematics*, **55**, 187-195.
- Sartori, N., Salvan, Ale. and Pace, L. (2003). A note on directed adjusted profile likelihoods. *Journal of Statistical Planning and Inference*, **110**, 1-9.
- Salvan, Alb., Thomaseth, K., Bortot, P. and Sartori, N. (2001). Use of a toxicokinetic model in the analysis of cancer mortality in relation to the estimated absorbed dose of dioxin. *The Science of the Total Environment*, **274**, 21-35.
- Salvan, Alb., Thomaseth, K., Bortot, P. and Sartori, N. (1999). Uncertainty in estimating exposure using a toxicokinetic model: the example of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD). *Annals of the New York Academy of Sciences*, **895**, 125-140.
- Sartori, N., Bellio, R., Salvan, Ale. and Pace, L. (1999). The directed modified profile likelihood in models with many nuisance parameters. *Biometrika*, **86**, 735-742.

Publications: Books and Proceedings

- Sartori, N. (2014). Accurate likelihood inference with many nuisance parameters. *Book of Abstracts of the 7th International Conference of the ERCIM Working Group on Computational and Methodological Statistics*, Pisa, December 6-8, 10 ISBN: 978-84-937822-4-5.
- Ventura, L., Ruli, E. and Sartori, N. (2014). Approximate Bayesian computation with robust estimating equations. *Book of Abstracts of the 7th International Conference of the ERCIM Working Group on Computational and Methodological Statistics*, Pisa, December 6-8, 60 ISBN: 978-84-937822-4-5.
- Ruli, E., Sartori, N. and Ventura, L. (2014). Approximate Bayesian Computation with proper scoring rules. *Proceedings of the 47th SIS Scientific Meeting of the Italian Statistica Society*, Cagliari, June 10-14. ISBN: 978-88-8467-874-4.
- Bellio, R., Di Caterina, C. and Sartori, N. (2013). Monte Carlo modified likelihood for panel data models. *Book of Abstracts of the 6th International Conference of the ERCIM Working Group on Computational and Methodological Statistics*, London, December 14-16, 165. ISBN: 978-84-937822-3-8.
- Cattelan, M. and Sartori, N. (2013). Empirical and simulated adjustments of composite likelihood ratio statistics. *Book of Abstracts of the 6th International Conference of the ERCIM Working Group on Computational and Methodological Statistics*, London, December 14-16, 162 ISBN: 978-84-937822-3-8.
- Pace, L., Salvan, A. and Sartori, N. (2013). Adjusted pseudo composite likelihood ratios. *Proceedings of the 28th International Workshop on Statistical Modelling (Muggeo V.M.R., Capursi V., Boscaino G., Lovison G., editors)*, Vol. 2, 723-726, Palermo, Italy, July 8-12. ISBN 978-88-96251-49-2.
- Ventura, L., Sartori, N., and Racugno, W. (2011). A class of strong matching priors for higher-order Bayesian inference. *Proceedings of the 7th Conference on Statistical Computation and Complex Systems*, Padova, September 19-21. ISBN: 978 88 6129 753 1.

- Sartori, N., Marras, E. and Severini, T.A. (2007), An alternative parameterization of random effects in generalized linear mixed effects with canonical link. *Atti del convegno "Modelli Complessi e Metodi Computazionali Intensivi per la Stima e la Previsione"*, Venezia, September 6–8, 433–438.
- Sartori, N. (2006). Local Influence Analysis. In *Encyclopedia of Biopharmaceutical Statistics*. ISBN: 0-8247-4262-1. New York, Dekker.
- Marras, E., Sartori, N. e Ventura, L. (2005), Modified estimating equations in models with stratum nuisance parameters. *Atti del convegno "Modelli Complessi e Metodi Computazionali Intensivi per la Stima e la Previsione"*, Bressanone, september 15–17, 263–268.
- Bellio, R. and Sartori, N. (2004). Application of the modified profile likelihood in stratified models. *Proceedings of the 19th International Workshop on Statistical Modeling*, Firenze, July 4–8, 310–314.
- Bellio, R., Rizzi, L. and Sartori, N. (2003). Some aspects of misspecification in mixed-effects models. *Atti del convegno "Modelli Complessi e Metodi Computazionali Intensivi per la Stima e la Previsione"*, Treviso, september 4–6, 51–56.
- Sartori, N., Salvan, A. and Thomaseth, K. (2003). Multiple imputation of missing values in a dose-response analysis of cancer mortality in relation to estimated absorbed dose of dioxin. *Atti del convegno "Modelli Complessi e Metodi Computazionali Intensivi per la Stima e la Previsione"*, Treviso, september 4–6, 368–373.
- Bellio, R. and Sartori, N. (2002). Extending conditional likelihood for clustered data. *Atti della XLI Riunione della Società Italiana di Statistica*, Milan, June 5–7, 357–360.
- Sartori, N., Thomaseth, K. and Salvan, Alb. (2001). An analytical sensitivity approach to interfacing toxicokinetic and risk models. *Proceedings of the 16th International Workshop on Statistical Modeling*, Odense, July 2–6, 505–508.
- Salvan, Alb., Thomaseth, K., Sartori, N. and Bortot, P. (2001). Cancer mortality and occupational exposure to dioxin: an analysis based on a toxicokinetic model. *Book of abstracts of the 11th Annual Conference of the Society of Risk Analysis-Europe*, Lisbona, May 23–27.
- Salvan, Alb., Thomaseth, K., Bortot, P. and Sartori, N. (2000). Kinetic modeling of human exposure to dioxin: use in risk assessment. *Book of abstracts of the Conference on Toxicology and Risk Assessment Approaches in the 21st Century*, King Island, Ohio, USA, April 10–13, pp. 56–57.
- Salvan, Alb., Thomaseth, K., Bortot, P. and Sartori, N. (1999). Uncertainty in estimation of occupational exposure to dioxin using a toxicokinetic model. *Epidemiology*, **10**, 4 Supplement, S80.

Working papers and papers submitted in journals

- Ruli, E., Sartori, N. and Ventura, L. (2015). Improved Laplace approximation for marginal likelihoods. Submitted. (available at <http://arxiv.org/abs/1502.06440>).
- Cortese, G. and Sartori, N. (2014). Integrated likelihoods for censored survival data with stratum nuisance parameters. Working paper, 1-2014, Department of Statistical Sciences, University of Padova. Under revision.
- De Bin, R., Sartori, N. and Severini, T. A. (2014). Integrated likelihoods in models with stratum nuisance parameters. Technical Report, No.157, Department of Medical Informatics, Biometry and Epidemiology (IBE), University of Munich. Under revision.
- Tiberi, S., Scarpa, B. and Sartori, N. (2014). A composite likelihood approach to predict the sex of the baby. Submitted.
- Cortese, G., Di Caterina, C. and Sartori, N. (2014). Monte Carlo modified likelihood for panel data models. In preparation.
- Bellio, R., Kosmidis, I., Salvan, A. and Sartori, N. (2014). Bootstrap confidence intervals with incidental nuisance parameters. In preparation.
- Fraser, D. A. S., Reid, N. and Sartori, N. (2014). Further results on directional inference for vector parameters. In preparation.
- Bellio, R., Kosmidis, I. and Sartori, N. (2014). Improved likelihood inference for the two-parameter logistic model. In preparation.
- Ruli, E., Sartori, N. and Ventura, L. (2014). Approximate Bayesian Computation with robust M-estimating functions. In preparation.

Talks and other presentations

- December 2014 *Accurate likelihood inference with many nuisance parameters*
talk in the invited session "Handling nuisance parameters: Advances towards optimal inference" of the "7th International Conference of the ERCIM WG on Computational and Methodological Statistics (ERCIM 2013)", University of Pisa, Italy, december 6-8.
- October 2014 *Accurate directional inference for vector parameters* (joint with A. C. Davison, D. A. S. Fraser and N. Reid)
invited seminar at Department of Statistical Science, University College London, october 23.
- May 2014 *Likelihood based inference for fixed-effects panel data models*
invited seminar at Department of Economics, KU Leuven, may 16.
- December 2013 *Monte Carlo modified likelihood for panel data models* (joint with R. Bellio and C. Di Caterina)
"6th International Conference of the ERCIM WG on Computational and Methodological Statistics (ERCIM 2013)", University of London, UK, december 14-16.
- November 2013 *Accurate directional inference for vector parameters* (joint with A. C. Davison, D. A. S. Fraser and N. Reid)
invited seminar at Department of Statistical Sciences, University of Rome "La Sapienza", november 29.
- November 2012 *Calibrating hybrid composite likelihood ratios for a parameter of interest* (joint with L. Pace and A. Salvan)
invited seminar at Collegio Carlo Alberto, Torino, november 23.
- May 2012 *Calibrating hybrid composite likelihood ratios for a parameter of interest* (joint with L. Pace and A. Salvan)
invited seminar at the Department of Decision Sciences of the Bocconi University of Milan, may 17.
- May 2009 *Directional tests for contingency tables* (joint with A.C. Davison, D.A.S. Fraser and N. Reid)
final meeting of the research projects PRIN 2006 "New likelihood-based inferential methods for complex statistical models" e "Multiple testing: theory and applications", Pula (Cagliari), may 15-17.
- March 2008 *An Sweave tutorial. Mixing R and L^AT_EX*
seminar at the Department of Statistical Sciences of the University of Padova, march 14.
- September 2007 *An alternative parameterization of random effects in generalized linear mixed effects with canonical link* (joint with L. Marras e T.A. Severini)
conference "Modelli Complessi e Metodi Computazionali Intensivi per la Stima e la Previsione", Venice, september 6-8.
- July 2007 *Improved likelihood inference for vector parameters with discrete data*
invited seminar at "Joint Statistical Meeting 2007", Salt Lake City, Utah, USA, july 29 - august 2nd.
- May 2007 *Likelihood Inference for a Problem in Particle Physics*
invited seminar at "Swiss Seminars, spring 2007" at Bern University Switzerland, may 11.
- December 2006 *Local influence analysis when interfacing toxicokinetic and proportional hazard models*
invited seminar at the Department of Mathematics, Ecole Polytechnique Fédérale de Lausanne (EPFL), december 1st.
- November 2006 *Sweave = R·L^AT_EX². A brief tutorial*
seminar at the Department of Mathematics, Ecole Polytechnique Fédérale de Lausanne (EPFL), november 21.

- November 2006 *Modified profile likelihood for stratified data: alternative or complement to random effects?* (joint with R. Bellio)
invited seminar at the Department of Mathematics, Ecole Polytechnique Fédérale de Lausanne (EPFL), november 17.
- November 2006 *Practical use of modified profile likelihoods for panel data* (joint with R. Bellio), invited seminar at the Department of Econometrics, Université de Genève, november 11.
- November 2005 *Modified maximum likelihood for stratified data* (coautore: R. Bellio), invited seminar at the "Meeting of The Danish Society for Theoretical Statistics" held at the Royal Veterinary and Agricultural University (KVL), Copenhagen, november 29–30.
- May 2005 *Modified maximum likelihood for the shape parameter of scalar skew normal and skew t distributions*
seminar at the Department of Economics and Quantitative Methods, University of Pavia.
- January 2005 *PhD? It's not so bad when you consider the alternative hypothesis*
seminar at the inaugural of the "Scuola di Dottorato in Scienze Statistiche", Department of Statistics, University of Padova.
- November 2003 *Applications of the modified profile likelihood in stratified models* (joint with R. Bellio)
presented at the joint final meeting of the research groups "Costruzione e Scelta di Modelli" and "Reti Bayesiane e Modelli Grafici: sviluppi metodologici e computazionali per le applicazioni", Padova, november, 14–16.
- September 2003 *Multiple imputation of missing values in a dose-response analysis of cancer mortality in relation to estimated absorbed dose of dioxin* (joint with A. Salvan and K. Thomaseth).
presented at the Conference "Modelli Complessi e Metodi Computazionali Intensivi per la Stima e la Previsione", Treviso, september 4–6.
- February 2003 *Riduzione della distorsione: meglio prevenire che correggere. Le distribuzioni normale e t asimmetriche*
Seminar at the final meeting of the research group "Estensioni della distribuzione di probabilità gaussiana e loro applicazioni", Padova, february 7-8.
- January 2003 *Estensioni della verosimiglianza condizionata per dati binari raggruppati* (joint with R. Bellio)
presented at the "Inaugurazione del XVIII ciclo del dottorato di ricerca in Statistica e del dottorato di ricerca in Statistica Applicata alle Scienze Economiche e Sociali. In ricordo di Antonio C. Capelo", Padova, january 10-11.
- September 2002 *Bias reduction: better prevent than correct. The skew normal distribution*
Department of Statistics, University of Udine.
- July 2002 *Riduzione della distorsione: meglio prevenire che correggere. La distribuzione normale asimmetrica*
Seminar at the meeting of the research group "Estensioni della distribuzione di probabilità gaussiana e loro applicazioni", Padova, july 4.
- July 2001 *Modifications to the profile likelihood in models with incidental nuisance parameters*
"Workshop on Random Effects, Model Checking and Asymptotics", Royal Veterinary University, Copenhagen, Danimarca, july 9–11.

Posters

- July 2013 *Adjusted pseudo composite likelihood ratios.* (joint with L. Pace and A. Salvan)
"28th International Workshop on Statistical Modelling", Palermo, Italy, July 8–12.
- May 2013 *ABC with unbiased estimating functions.* (joint with E. Ruli and L. Ventura)
"ABC in Rome", Rome, Italy, May 30–31.
- June 2011 *A class of strong matching priors for higher-order Bayesian inference.* (joint with L. Ventura and W. Racugno)
"Hierarchical Models and Markov Chains Monte Carlo - Conference in honour of Professor Adrian F.M. Smith", Crete, Greece, June 1–6.
- July 2004 *Application of the modified profile likelihood in stratified models.* (joint with R. Bellio)
"19th International Workshop on Statistical Modelling", Firenze, Italy, July 4–8.
- July 2001 *An analytical sensitivity approach to interfacing toxicokinetic and risk models.* (joint with Alb. Salvan, K. Thomaseth)
"16th International Workshop on Statistical Modelling", Odense, Denmark, July 2–6.
- May 2001 *Cancer mortality and occupational exposure to dioxin: an analysis based on a toxicokinetic model* (joint with Alb. Salvan, K. Thomaseth, P. Bortot)
presented by Alb. Salvan at the "11th Annual Conference of the Society of Risk Analysis (SRA) - Europe", Lisbon, Portugal, May 23–27.
- July 2000 *A note on higher-order asymptotics for inference on the normal distribution*
presented at the international workshop "Inference and Asymptotics", Monte Verità, Ascona, Svizzera, July 9–14.

Research Grants

- 09/2014 – 12/2014 *Improving estimation and inference in models with many nuisance parameters.*
Grant for visiting the Department of Statistical Science of University College London (Visiting Scholar Grant Programme 2013, Fondazione Cassa di Risparmio di Padova e Rovigo).
- 2014 – 2016 *Neo-Fisherian and Bayesian inference for intractable likelihoods: modern approaches with application in Life Sciences.*
Principal Investigator of the project supported by the University of Padova (PRAT2013).
- 2011 – 2012 *On the use of advanced statistical techniques in medical research.*
Participant of project Exzellen Grant 2011/12, Fondazione Cassa di Risparmio di Padova e Rovigo (Principal Investigator: Laura Ventura).
- 2009 – 2012 *Approximate likelihood methods for complex dependence structures.*
Member of the national project supported by the Italian Ministry of Instruction, University and Research (MIUR). National coordinator: Prof. P. Vidoni. Coordinator of the Venice Unit: Prof. C. Gaetan.
- 2007 – 2009 *New likelihood methods for complex models.*
Local Principal Investigator of the Venice Unit for the national project supported by the Italian Ministry of Instruction, University and Research (MIUR). National coordinator: Prof. P. Vidoni.
- 2001 – 2005 *Model building and model choice.*
Member of the national project supported by the Italian Ministry of Instruction, University and Research (MIUR). National coordinator: Prof. W. Racugno. Coordinator of the Padova Unit: Prof. A. Salvan.
- 2001 – 2003 *Extension of the Gaussian distribution and their applications.*
Member of the national project supported by the Italian Ministry of University and Scientific and Technological Research (MURST). National (and local) coordinator: Prof. A. Azzalini.
- 2002 – 2007 *SETIL*
Member of the Italian multicentric case-control study on etiological factors for childhood leukemia, non Hodgkin lymphoma and neuroblastoma supported by the Italian Association for Cancer Research, the Ministry of University and Scientific and Technological Research, the Ministry of Public Health, the National Research Council, the National Institute of Occupational Safety and Prevention, and local administrations. Coordinator: Dr. C. Magnani.
- 1999 – 2001 *Extreme value theory and higher-order likelihood asymptotics.*
Member and Principal Investigator (since october 2000) of the project for young researchers supported by the University of Padova.

Research contracts

April 2002 – December 2003	contract with the Institute for Bioengineering (ISIB), National Research Council (CNR), Padova. Objective: development and implementation of non-standard methods for statistical analysis in the context of the SETIL epidemiological study.
February – May 2000	contract with the LADSEB laboratory, CNR, Padova. Objective: sensitivity analysis when interfacing toxicokinetic and risk models.
April – July 1999	contract with the Department of Statistics, University of Padova. Objective: port to Matlab of the <i>Skew Normal</i> library for S-Plus.
August – December 1998	contract with the LADSEB laboratory, CNR, Padova. Objective: comparative analysis of several methods for the multiple imputation of missing values.
July – August 1998	contract with the Department of Statistics, University of Udine. Objective: simulation studies to evaluate the effects of nuisance parameters on the distribution of likelihood-based methods.
February – June 1998	contract with the LADSEB laboratory, CNR, Padova. Objective: implementation of multiple imputation algorithms for missing values.

Teaching Experience

Undergraduate level	Faculty of Economics, University of Venice: <i>Statistics I</i> (2004 – 2007), <i>Statistics II</i> (2004 – 2008), <i>Introductory Statistics with R</i> (2006), <i>Computational Statistics</i> (2009). Faculty of Statistics, University of Padova: <i>Statistical Models 1</i> (2011 – today), <i>Statistical Models 2</i> (2008), <i>Advanced Computational Statistics</i> (2009 – today).
Graduate level	Ph.D. in Economics, University of Venice: <i>Statistics</i> (2006 – 2008), <i>Probability Theory</i> (2009). Ph.D. in Statistics, University of Padova: <i>Theory and Methods of Inference</i> (jointly with A. Salvan) (2009 – today). Ph.D. in Statistics, University of Bologna: <i>Likelihood inference: asymptotic theory</i> (short course) (2014).

Supervised graduate students and post-docs

2011 – 2014	Erlis Ruli (Ph.D.). <i>Recent advances in Approximate Bayesian Computation methods</i> (main supervisor L. Ventura, co-supervisor Nicola Sartori).
2010 – 2013	Euloge Clovis Kenne Pagui (Ph.D.). <i>Combined composite likelihoods</i> (co-supervisor A. Salvan).
2009 – 2012	Riccardo De Bin (Ph.D.). <i>Integrated likelihood for the treatment of nuisance parameters</i> (co-supervisors A. Salvan and T.A. Severini).
2008 – 2010	Moreno Bevilacqua (Post-doc). <i>Estimating equations and composite likelihoods for dependent data</i> (joint supervisor C. Varin).
2012 – 2014	Giuliana Cortese (Post-doc). <i>Integrated likelihood for frequentist inference</i> .
2013 – 2015	Euloge Clovis Kenne Pagui (Post-doc). <i>Composite likelihood methods</i> .

Administrative and professional activities and memberships

2004 - today	Elected member of the International Statistical Institute.
2008 - today	Member of the Royal Statistical Society.
2012 - today	Vice director of the PhD School in Statistics, Department of Statistical Sciences of the University of Padova.
2012 - today	Member of the Academic Board of the PhD School in Statistics, Department of Statistical Sciences of the University of Padova.
2010 - today	Member of the Teaching Staff Board of the PhD School in Statistics, Department of Statistical Sciences of the University of Padova.
2014 - today	Member of the Scientific Committee of the Department of Statistical Sciences, University of Padova.
2011 - today	Member of the Admission Committee for the "Laurea Magistrale" in Statistical Sciences, University of Padova.
2011	Member of Organizing Committee of the <i>7th Conference on Statistical Computation and Complex Systems</i> , Padova, September 19-21.
2013 - today	Member of the Curricula Committee ("Commissione Piani di Studio") for the "Laurea Magistrale" in Statistical Sciences, University of Padova.
2006 - 2010	Member of the Teaching Staff Board of the (PhD) School of Advanced Studies in Economics, "Ca' Foscari" University of Venice.
2015 - today	Associate Editor for <i>STAT</i> - The ISI's Journal for the Rapid Dissemination of Statistics Research.
1999 - today	Referee for many international journals, among which <i>Annals of Statistics</i> , <i>Biometrika</i> , <i>Journal of the American Statistical Association</i> , <i>Annals of the Institute of Statistical Mathematics</i> , <i>Brazilian Journal of Probability and Statistics</i> , <i>Communications in Statistics</i> , <i>Computational Statistics and Data Analysis</i> , <i>Journal of Multivariate Analysis</i> , <i>Journal of Statistical Planning and Inference</i> , <i>Statistical Methods and Applications</i> , <i>Statistics in Medicine</i> , <i>Statistica Sinica</i> .

Computing Skills

R (advanced), S-PLUS (advanced), Matlab (basic)
Pascal, C (basic)
L^AT_EX, MS Office, OpenOffice, HTML
Mac OS X, Linux, Unix, MS-DOS 6.x, Windows

Languages

Italian (mother tongue), English (fluent), French (basic)