**EUROPASS
CURRICULUM VITAE**

PERSONAL INFORMATION

First name / Surname	**LUIGI PACE**
Adress	**VIA TOMADINI, 30/A – UDINE (UD) - ITALY**
Telephone	**+39 0432 249579**
E-mail	**luigi.pace@uniud.it**
Nationality	Italian
Date of Birth	24/07/1957

WORK EXPERIENCE

• **01**/11/2000 – today	
• University of Udine	At the Department of Economics and Statistics and previously at the Department of Statistics
• Role	**Professor of Statistics (SSD Secs-S/01)**
• **01**/11/1992 – 31/10/2000	
• University of Udine	At the Department of Statistics and ante 1995 at the Department of Economics
• Role	**Associate professor of Statistics**
• 12/10/1989 – 31/10/1992	
• University of Padova	At the Department of Statistics
• Role	Assistant professor (ricercatore universitario)

• **01**/11/1984 – 11/10/1989	
• **Catholic University of Milan**	At the Faculty of Mathematical, Physical and Natural Sciences
• Role	Assistant professor (ricercatore universitario)

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE	**ITALIAN**
ALTRE LINGUA	
	ENGLISH
• Reading	EXCELLENT
• Writing	GOOD
• Speaking	GOOD
	FRENCH
• Reading	GOOD
• Writing	BASIC
• Speaking	BASIC

ACADEMIC ASSIGNMENTS

At the University of Udine:
director for the academic three-year period 2004-2007 of the Department of Statistical Sciences, of which he was previously deputy director since 1995; chaired the Mathematics Degree Course Council for the academic three-year period 2002-2004; he was a member of the Teaching Council of the Scuola Superiore for the academic three-year periods 2012-2015 and 2015-18; the appointment was renewed on 11/16/22 for the end of the academic period 2021-24 2021-24.
At the University of Padua:
he was a member of the Scientific Council of the Doctoral School in Statistical Sciences, administrative headquarters of the Department of Statistical Sciences, up to the XXVIII cycle; He was a member of the teaching staff of the PhD in Statistics from the XXIX to the XXXVIII cycle.

Luigi Pace

EDUCATION AND TRAINING	After completing his high school diploma in classics in Verona in 1976, he passed the competition for internal positions in the legally recognised Mazza University College of Padua. On 03/30/1982 he graduated with honours in Statistics and Economics at the Faculty of Statistical, Demographic and Actuarial Sciences of the University of Padua, discussing the thesis "The accidental variability in continuous time: probabilistic models and inference problems", supervised by professor A. Zanella. After graduation, he remained for two more years in the University College as internal assistant and collaborated until 1984 with the Department of Statistical Sciences of the University of Padua in the context of two research agreements between the same Department and the EURATOM plant in Ispra, responsible scientist the professor F. Pesarin, collaborating in particular with professor G. Diana,

SCIENTIFIC PAPERS

ARTICLES

PACE L, SALVAN A, SARTORI N (2022). Confidence sequences with composite likelihoods. CANADIAN JOURNAL OF STATISTICS, http://doi.org/10.1002/cjs.11749

PACE L, SALVAN A (2020). Likelihood, replicability and Robbins' confidence sequences. INTERNATIONAL STATISTICAL REVIEW, vol. 88, pp 599-615, ISSN 0306-7734

PACE L, SALVAN A, SARTORI N (2019). Efficient composite likelihood for a scalar parameter of interest. STAT 8, e222, 8 pp, Online ISSN: 2049-1573

PACE L, SALVAN A, SARTORI N (2015). Inference from pseudolikelihoods with plug-in estimates. AUSTRALIAN AND NEW ZEALAND JOURNAL OF STATISTICS, vol. 57, pp 347-361, ISSN 1369-1473

PACE L, SALVAN A (2014). Simple ancillaries. SANKHYA, vol. A 76, pp 15-24, ISSN 0972-7671

PACE L, SALVAN A, VENTURA L (2011). Adjustments of profile likelihood through predictive densities. ANNALS OF THE INSTITUTE OF STATISTICAL MATHEMATICS, vol. 63, pp 923-937, ISSN: 0020-3157

PACE L, SALVAN A, SARTORI N (2011). Adjusting composite likelihood ratio statistics. STATISTICA SINICA, vol. 21, pp 129-148, ISSN: 1017-0405

PACE L, SALVAN A, VENTURA L (2011). Remeding the Neyman-Scott phenomenon in model discrimination. JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION, vol. 81, pp 749-757, ISSN: 0094-9655

PACE L (2011). Probabilistically proving that $\zeta(2)=\pi^2/6$. THE AMERICAN MATHEMATICAL MONTHLY, vol. 118, pp 641-643, ISSN: 0002-9890

PACE L, SALVAN A, VENTURA L (2006). Likelihood-based discrimination between separate scale and regression models. JOURNAL OF STATISTICAL PLANNING AND INFERENCE, vol. 136, pp 3539-3553, ISSN: 0378-3758

PACE L, SALVAN A (2006). Adjustments of the profile likelihood from a new perspective. JOURNAL OF STATISTICAL PLANNING AND INFERENCE, vol. 136, pp 3554-3564, ISSN: 0378-375 3554-3564, ISSN: 0378-3758

PACE L, SALVAN A (2004). Tensors and likelihood expansions in the presence of nuisance parameters. ANNALS OF THE INSTITUTE OF STATISTICAL MATHEMATICS, vol. 56, pp 511-528, ISSN: 0020-3157

PACE L, SALVAN A, VENTURA L (2004). The effects of rounding on likelihood procedures. JOURNAL OF APPLIED STATISTICS, vol. 31, pp 29-48, ISSN: 0266-4763

SARTORI N, SALVAN A, PACE L (2003). A note on directed adjusted profile likelihood. JOURNAL OF STATISTICAL PLANNING AND INFERENCE, vol. 110, pp 1-9, ISSN: 0378-3758

SARTORI N., BELLIO R., SALVAN A., PACE L (1999). The directed modified profile likelihood in models with many nuisance parameters. BIOMETRIKA, vol. 86, pp 735-742, ISSN: 0006-3444

PACE L, A. SALVAN (1999). Point estimation based on confidence intervals: exponential families. JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION, vol. 64, pp 1-21, ISSN: 0094-9655

PACE L, SALVAN A. (1994). The geometric structure of expected/observed likelihood expansions. ANNALS OF THE INSTITUTE OF STATISTICAL MATHEMATICS, vol. 46, pp 649-666, ISSN: 0020-3157

PACE L, SALVAN A. (1992). A note on conditional cumulants in canonical exponential families. SCANDINAVIAN JOURNAL OF STATISTICS, vol. 19, pp 185-191, ISSN: 0303-6898

PACE L, SALVAN A (1990). Best conditional tests for separate families of hypotheses. JOURNAL OF THE ROYAL STATISTICAL SOCIETY. SERIES B. METHODOLOGICAL, vol. 52, pp 125-134, ISSN: 0035-9246

PACE L, SALVAN A (1987). A class of tests for exponentiality against monotone failure rate
alternatives with incomplete data. JOURNAL OF STATISTICAL PLANNING AND INFERENCE, vol. 16, pp 249-256, ISSN: 0378-3758

DIANA G, PACE L (1985). Locally most powerful invariant tests for departures from exponentiality with incomplete data. METRON, vol. 43, pp 187-189, ISSN: 0026-1424

Books

PACE L, SALVAN A. (1997). Principles of Statistical Inference from a neo-Fisherian perspective. SINGAPORE: World Scientific, ISBN: 978-981-02-3066-1, pp 1-556

OTHER SCIENTIFIC PUBLICATIONS

Articles

PACE L, SALVAN A (1999). Conditioning on an ancillary statistic in the Neyman-Pearson setting. STATISTICA APPLICATA, vol. 11, pp 205-215, ISSN: 1125-1964

PACE L, SALVAN A (1991). Approximate median-unbiased estimators for the Weibull distribution. STATISTICA APPLICATA, vol. 3, pp 619-630, ISSN: 1125-1964

PACE L (1988). La distribuzione congiunta della media e della varianza campionarie in ipotesi di normalit\`a: una prova alternativa mediante induzione. RIVISTA DI STATISTICA APPLICATA, vol. 21, pp 469-474, ISSN: 0035-6549

PACE L (1986). Test di esponenzialit\`a contro alternative Pareto con dati censurati. RIVISTA DI STATISTICA APPLICATA, vol. 19, pp 263-268, ISSN: 0035-6549

PACE L (1984). La consistenza di due test di esponenzialit\`a contro alternative IFR-DFR. METRON, vol. 42, pp 195-206, ISSN: 0026-1424

DIANA G, PACE L (1983). Un test invariante per la distribuzione esponenziale contro alternative Weibull. METRON, vol. 41, pp 167-181, ISSN: 0026-1424

PACE L (1983). Un test per la verifica dell'ipotesi funzionale complessa, con particolare riferimento al controllo di normalit\`a. RIVISTA DI STATISTICA APPLICATA, vol. 16, pp 299-308, ISSN: 0035-6549

Books

SALVAN A, SARTORI N, PACE L (2020). Modelli lineari generalizzati. MILANO: SPRINGER VERLAG ITALIA, ISBN: 978-88-470-4001-4, pp 1-349

PACE L, SALVAN A (2001). Introduzione alla Statistica - II. Inferenza, verosimiglianza, modelli. PADOVA: CEDAM, ISBN: 978-88-13-23605-2, pp 1-422

PACE L, SALVAN A (1996). Teoria della Statistica: Metodi, Modelli, Approssimazioni Asintotiche. PADOVA: CEDAM, ISBN: 88-13-19635-0, pp 1-551

PACE L, SALVAN A (1996). Introduzione alla Statistica - I. Statistica descrittiva. PADOVA: CEDAM, ISBN: 88-13-19939-2, pp 1-401

Conference proceedings

PACE L, SALVAN A, SARTORI N (2013). Adjusted pseudo composite likelihood ratios. In: Proceedings of the 28th International Workshop on Statistical Modelling (Muggeo V.M.R., Capursi V., Boscaino G., Lovison G., editors), Vol. 2, pp 723-726, Palermo, Italy, July 8 12. ISBN: 978-88-96251-49-2

PACE L, SALVAN A (2000). On modifications of the profile likelihood. In: Symposium in Honour of Ole E. Barndorff-Nielsen. 16-18 November, 2000, vol.\ Memoirs n.16, pp 84-88

AZZALINI A, PACE L, SALVAN A (1996). Metodi asintotici per l'inferenza basata sulla verosimiglianza. In: Atti della XXXVIII Riunione Scientifica della Società Italiana di Statistica. Rimini 9--13 aprile, vol. 1, pp 295-306, RIMINI: Maggioli Editore

PACE L, SALVAN A (1994). Estimating functions from modified likelihood quantities: The Weibull example. In: Atti della XXXVII Riunione Scientifica della Società Italiana di Statistica, vol. 2, pp 303-310, ROMA: CISU

PACE L, SALVAN A (1990). Approximate conditional tests for separate families of hypothesis: An example. In: Atti della XXXV Riunione Scientifica della Società Italiana di Statistica, vol. 2, pp 333-340

PACE L (1988). Statistiche ancillari e test di bontà di adattamento per la distribuzione Gamma. In: Atti della XXXIV Riunione Scientifica della Società Italiana di Statistica. vol. 2, pp 19-25, Siena: Nuova Immagine Editrice

PACE L (1986). La riduzione della distorsione nella stima del parametro di forma della distribuzione gamma. In: Atti della XXXIII Riunione Scientifica della Società Italiana di Statistica. vol. 2, pp 395-399, BARI: Cacucci Editore

PACE L (1985). Un metodo rapido per la stima del parametro di forma della distribuzione gamma. In: GIORNATE DI METODOLOGIA STATISTICA. Bressanone, Italy, 18-20 settembre 1985, pp 227-238, PADOVA: CLEUP

RESEARCH PROJECTS AND/ OR GROUPS	Luigi Pace is professor of Statistics at the Department of Economics and Statistics of the University of Udine. His main research activity focuses on likelihood and asymptotic methods, inference in the presence of nuisance parameters, conditional inference, replicability and safe inference. He collaborates with colleagues in various fields in national and international research programs.

He participated in the Prin-2015 project in "Likelihood-free methods of inference" (national coordinator professor B.Liseo, local unit coordinator professor P. Vidoni).

He participated in the Prin-2008 project in "Approximate and simplified likelihoods for estimation and forecasting" (national and local coordinator professor P. Vidoni). Analogously partecipate in a local unit of Prin-2006, Prin-2003, Prin-2001.

He was member of the organising committee of the international conference "Likelihood, asymptotics   and neo-Fisherian inference, held in Bressanone 25-30 June 1995.

From 1993 to 1997 he was member of the Padova restarci group of the European probect (Human capital and mobility) "Geometry and computer algebra in Statistics and Probability", coordinator W. Kendall (University of Warwick, UK).

PRIVACY

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Date, 03/31/2023