CURRICULUM VITAE

Name:	Stefan Andreas Sperlich
Birth Date:	May 10, 1968 in Göttingen, Germany
Civil status:	married, one child
Address:	Université de Genève, Geneva School of Economics and Management,
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Professional Education and Experience

1988 - 1994	Study of Mathematics, specialization: math for economics
	(second subject: business administration)
	at the Georg-August Universität Göttingen
May 1994	Diplom: thesis on *Optimal Experimental Designs for nonlinear Regression models*,
	supervised by Prof. Holger Dette
1994 - 1998	Member of the Sonderforschungsbereichs 373,
	Quantification and Simulation of Economic Processes,
	at the Institute for Statistics and Econometrics at Humboldt University Berlin.
February 1998	PhD in Economics (Dr.rer.pol.); Thesis on
	Additive Modelling and Testing Model Specification
	supervised by Prof. Wolfgang Härdle.
1998 - 2002	Prof. Visitante, University Carlos III de Madrid,
	Department of Statistics and Econometrics (since 2003: Department of Statistics)
2002 –	Prof. Titular (tenure) for Statistics and OR
2003 - 2006	Department of Economics, University Carlos III de Madrid
2006 - 2010	Chair of Econometrics, Institute for Statistics and Econometrics,
	ordinary member of the Faculty of Economics, Georg-August Universität Göttingen,
	coopted at Dep. Agricultural Economics & Rural Development, Faculty Agric. Sciences
Since 2010	Prof. Ordinaire, (full prof. statistics & econometrics), Université de Genève

Areas of Interest

Analysis of econometric models, non- and semiparametric methods (in particular smoothing techniques and testing of model specification), mixed models (small area estimation), empirical economics (especially actuarial science, econ development, finance), impact evaluation (treatment effects, causal inference, policy evaluation), computational statistics (incl. big data problems), optimal designing.

Languages

German (native), Spanish, English, French, Latin (Latinum)

International Prizes

Tjalling C. Koopmans Econometric Theory Prize 2000-2002, jointly with Lijian Yang and Dag Tjøstheim. This prize is awarded once every three years. Advisory board: M.Deistler (TU Wien), C.W.J.Granger (San Diego), Ph.J.Dhrymes (Columbia University), and G.Tiao (Chicago).

Further Awards

- *Augusto González Linares (2014)*, financed by the foundation UCEIF (University of Cantabria & Banco Santander).

- Special rewards in 2004 and 2005 of the Economics Department, University Carlos III de Madrid for ranking in top group.

- Research Grant of the Institute Flores de Lemus (2003 / 2004), University Carlos III de Madrid for splendid CV and research project *Estimation of a Semiparametric Transformation Model*.

- Research Grant of the Institute Flores de Lemus (2002 / 2003), University Carlos III de Madrid for splendid CV and research project *Tests on dimension reducing data structures*.

- Research Grant of the Institute Flores de Lemus (2001 / 2002), University Carlos III de Madrid for splendid CV and research project *Complexity reduction in high dimensional data structures*.

Publications

Articles in refereed Journals

1. E. Mammen, J.P. Nielsen, M. Scholz, S. Sperlich (2019) Conditional Variance Forecasts for Long-Term Stock Returns. *risks*, (), -. doi.org/10.3390/risks7040113

2. I. Moral-Arce, A. de las Heras Perez, S. Sperlich (2019) Recovering income distribution from aggregated data via micro-simulation. *Spanish Journal of Statistics*, (), -. forthcoming

3. M. Olarreaga, S. Sperlich, V. Trachsel (2019) Exploring the heterogeneous effects of export promotion. *World Bank Economic Review*, (), -. doi: 10.1093/wber/lhy034

4. S. Ranjbar, S. Sperlich (2019) A note on empirical studies of life-satisfaction: Unhappy with semiparametrics? *Journal of Happiness Studies*, (), -. doi.org/10.1007/s10902-019-00165-z

5. S. Kanwar, S. Sperlich (2019) Innovation, Productivity and Intellectual Property Reform in an Emerging Market Economy: Evidence From India. *Empirical Economics*, (), -. doi.org/10.1007/s00181-019-01707-3

6. S. Sperlich (2018) Discussion of 'From start to finish: a framework for the production of small area official statistics by Tzavidis et al.'. *Journal of the Royal Statistical Society, A*, **181**(4), 965.

7. S. Sperlich, Y. Sperlich (2017) Growth and Convergence in South-South Integration Areas: An Empirical Analysis. *Review of International Economics*, **25**(4), 799-830.

8. M. Scholz, J.P. Nielsen, S. Sperlich (2016) Nonparametric Long Term Prediction of Stock Returns With Generated Bond Yields. *Insurance: Mathematics and Economics*, **69**, 82-96.

9. J. Dai, S. Sperlich, W. Zucchini (2016) A simple method for predicting distributions by means of covariates with examples from welfare and health economics. *Swiss Journal of Economics and Statistics*, **152**, 49-80.

10. J. Rodríguez-Póo, S. Sperlich, Ph. Vieu (2015) Specification Testing when the Null Hypothesis is Non- or Semiparametric. *Econometric Theory*, **31**, 1281-1309.

11. M. Scholz, J.P. Nielsen, S. Sperlich (2015) Nonparametric Prediction of Stock Returns Based on Yearly Data: The Long-Term View. *Insurance: Mathematics and Economics*, **65**, 143-155.

12. J. Bilbao-Ubillos, A. Fernández-Sainz, N.B. Heidenreich, S. Sperlich (2015) Flexible estimation of transport demand functions. *Transportation Letters: the International Journal of Transportation Research*, **7**, 241-251.

13. S. Sperlich, R. Theler (2015) Modeling Heterogeneity: A Praise for Varying-coefficient Models in Causal Analysis. *Computational Statistics*, **30**, 693-718.

14. I. Proença, S. Sperlich, D. Savaşcı (2015) Semi-mixed effects Gravity Models for Bilateral Trade. *Empirical Economics*, **48**, 361-387.

15. Y. Sperlich, S. Sperlich (2014) Income Development and Dispersion in the South-South Integration Areas. *Journal of Economic Integration*, **29**, 726-758.

16. M. Köhler, A. Schindler, S. Sperlich (2014) A Review and Comparison of Bandwidth Selection Methods for Kernel Regression. *International Statistical Review*, **82**, 243-274.

17. S. Sperlich (2014) On the Choice of Regularization Parameters in Specification Testing: a critical discussion. *Empirical Economics*, **47**, 427-450.

18. R. Langrock, N.B. Heidenreich, S. Sperlich (2014) Kernel-based semiparametric multinomial logit modelling of political party preferences. *Statistical Methods and Applications*, **23**, 435-449.

19. M.D. Martínez Miranda, E. Mammen, J.P. Nielsen, S. Sperlich (2014) Further theoretical and practical insight to the do-validated bandwidth selector. *Journal of the Korean Statistical Society*, **43**, 355-365.

20. N.B. Heidenreich, A. Schindler, S. Sperlich (2013) Bandwidth Selection Methods for Kernel Density Estimation: a review of fully automatic selectors. *AStA - Advances in Statistical Analysis*, **97**, 403-433.

21. S. Sperlich (2013) Comments on an updated review of Goodness-of-Fit tests for regression models: open questions and suggestions for calibration. *Test*, **22**, 419-427.

22. M.D. Martínez Miranda, J.P. Nielsen, S. Sperlich, R. Verrall (2013) Continuous Chain Ladder: Reformulating and generalising a classical insurance problem. *Expert Systems with Applications*, **40**, 5588-5603.

23. W. González Manteiga, M.D. Martínez-Miranda, M.J. Lombardía-Cortiña, S. Sperlich (2013) Kernel Smoothers and Bootstrapping for Semiparametric Mixed Effects Models. *Journal of Multivariate Analysis*, **114**, 288-302.

24. I. Moral-Arce, J. Rodríguez-Póo, S. Sperlich (2013) Consumer Behavior Analysis for Luxury Goods - A Technical Note for Empirical Studies. *Applied Economics Letters*, **20**, 358-363.

25. S. Sperlich (2013) Comments on Model-free model-fitting and predictive distributions: Applications to Small Area Statistics and Treatment Effect Estimation. *Test*, **22**, 227-233.

26. M. Wiesenfarth, T. Krivobokova, S. Klasen, S. Sperlich (2012) Direct Simultaneous Inference in Additive Models and its Application to Model Undernutrition. *Journal of the American Statistical Association*, **107**, 1286-1296.

27. M.J. Lombardía, S. Sperlich (2012) A new class of Semi-Mixed Effects Models and its Application in Small Area Estimation. *Computational Statistics & Data Analysis*, **56**(10), 2903-2917.

28. Y. Sperlich, S. Sperlich (2012) Practical Tools for Monitoring Convergence and Development focusing on Integration Areas. *Journal of Comparative Policy Analysis*, **14**, 72-103.

29. I. Moral-Arce, S. Sperlich, A.I. Fernández-Saínz, M.J. Roca (2012) Trends in the Gender Pay Gap in Spain: A Semiparametric Analysis. *Journal of Labor Research*, **33**, 173-195.

30. M. Bernhardt-Römermann, C. Römermann, S. Sperlich, W. Schmidt (2011) Explaining grassland biomass - the contribution of biodiversity and climate depends on fertilisation and mowing frequency. *Journal of Applied Ecology*, **48**, 1088-1097.

31. E. Mammen, M.D. Martínez Miranda, J.P. Nielsen, S. Sperlich (2011) Do-validation for Kernel Density Estimation. *Journal of the American Statistical Association*, **106**, 651-660.

32. M. Requier-Desjardins, B. Adhikari, S. Sperlich (2011) Some Notes on the Economic Assessment of Land Degradation. *Land Degradation and Development*, **22**, 285-298.

33. I. Moral-Arce, J. Rodríguez-Póo, S. Sperlich (2011) Low Dimensional Semiparametric Estimation in a Censored Regression Model. *Journal of Multivariate Analysis*, **102**, 118-129.

34. K. Pendakur, S. Sperlich (2010) Semiparametric Estimation of Consumer Demand Systems in Real Expenditure with Partially Linear Price Effects. *Journal of Applied Econometrics*, **25**, 420-457.

35. J. Roca Pardiñas, S. Sperlich (2010) Feasible Estimation in Generalized Structured Models. *Statistics and Computing*, **20(3)**, 367-379.

36. J. Dai, S. Sperlich (2010) Simple and Effective Boundary Correction for Kernel Densities and Regression with an Application to the World Income and Engel Curve Estimation. *Computational Statistics & Data Analysis*, **54**, 2487-2497.

37. S. Sperlich, M.J. Lombardía (2010) Local Polynomial Inference for Small Area Statistics: Estimation, Validation and Prediction. *Journal of Nonparametric Statistics*, **22(5)**, 633-648.

38. J. Barrientos-Marin, S. Sperlich (2010) The Size Problem of Bootstrap Tests when the Null is Non- or Semiparametric. *Revista Colombiana de Estadística*, **33(2)**, 307-319.

39. K. Pendakur, M. Scholz, S. Sperlich (2010) Semiparametric Indirect Utility and Consumer Demand. *Computational Statistics & Data Analysis*, **54**, 2763-2775.

40. S. Sperlich (2009) Discussion: Nonparametric estimation of noisy integral equations of the second kind. *Journal of the Korean Statistical Society*, **38(2)**, 111-113.

41. S. Sperlich (2009) A Note on Nonparametric Estimation with Predicted Variables. *The Econometrics Journal*, **12**, 382-395.

42. J. Polzehl, S. Sperlich (2009) A Note on Structural Adaptive Dimension Reduction. *Journal of Statistical Computation and Simulation*, **79(6)**, 805-818.

43. C. San Juan, S. Sperlich (2009) Ganadería, adaptación al medio natural y eficiencia: A donde va la PAC? *CLM Economía*, **13**, 141-157.

44. S. Sperlich (2009) Comments on: A Review on Empirical Likelihood Methods for Regression. *Test*, **18(3)**, 448-451.

45. O. Linton, S. Sperlich, I. Van Keilegom (2008) Estimation of a Semiparametric Transformation Model. *The Annals of Statistics*, **36**, 686-718.

46. E. Decimavilla, C. San Juan, S. Sperlich (2008) Precio de la tierra con presión urbana: Un modelo para España. *Economía Agraria y Recursos Naturales*, **8(1)**, 3-20.

47. M.J. Lombardía, S. Sperlich (2008) Semiparametric Inference in Generalized Mixed Effects Models. *Journal of the Royal Statistical Society, B*, **70(5)**, 913-930.
   Note: entered the list of most accessed JRSS-B articles (No.6)

48. W. Kleinhanß, C. Murillo, C. San Juan, S. Sperlich (2007) Efficiency, subsidies and environmental adaptation of animal farming under CAP. *Agricultural Economics*, **36 (1)**, 49-65.

49. J. Roca Pardiñas, S. Sperlich (2007) Testing the link when the index is semiparamtric - A comparison study. *Computational Statistics & Data Analysis*, **12**, 6565-6581.

50. C. Murillo, C. San Juan, S. Sperlich (2007) An Empirical Assessment of the EU Agricultural Policy Based on Firm Level Data. *Journal of Economics and Statistics (Jahrbücher für Nationalökonomie und Statistik)*, **227 (3)**, 271-294.

51. N. Neumeyer, S. Sperlich (2006) Comparison of Separable Components in Different Samples. *Scandinavian Journal of Statistics*, **33**, 477-501.

52. J. Rodríguez-Póo, S. Sperlich, A.I. Fernández (2005) Semiparametric Three Step Estimation Methods for Simultaneous Equation Systems. *Journal of Applied Econometrics*, **20**, 699-721.

53. H. Dette, C. v. Lieres und Wilkau, S. Sperlich (2005) A comparison of different nonparametric methods for inference on additive models. *Journal of Nonparametric Statistics*, **17(1)**, 57-81.

54. J. P. Nielsen, S. Sperlich (2005) Smooth backfitting in practice. *Journal of the Royal Statistical Society, B*, **67(1)**, 43-61.
   Note: elected for the list of highlights in 2005, entered the list of most cited papers during the last three years

55. N. W. Hengartner, S. Sperlich (2005) Rate Optimal Estimation with the Integration Method in the Presence of Many Covariates. *Journal of Multivariate Analysis*, **95(2)**, 246-272.

56. W. Härdle, S. Huet, E. Mammen, S. Sperlich (2004) Bootstrap Inference in Semiparametric Generalized Additive Models. *Econometric Theory*, **20**, 265-300.

57. S. Profit, S. Sperlich (2004) Non-Uniformity of Job-Matching in a Transition Economy – A Nonparametric Analysis for the Czech Republic. *Applied Economics*, **36/7**, 695-714.

58. L. Yang, S. Sperlich, W. Härdle (2003) Derivative Estimation and Testing in Generalized Additive Models. *Journal Statistical Planning and Inference*, **115/2**, 521-542.

59. J. M. Rodríguez-Póo, S. Sperlich, Ph. Vieu (2003) Semiparametric Estimation of Separable Models with possibly Limited Dependent Variables. *Econometric Theory*, **19**, 1008-1039.

60. J.P. Nielsen, S. Sperlich (2003) Prediction of stocks: A new way to look at it. *Astin Bulletin*, **33,** 399-417.
   Note: elected for the *reading list mathematics 2001-2004* of The Actuarial Profession

61. S. Sperlich, D. Tjøstheim and L. Yang (2002) Nonparametric Estimation and Testing of Interaction in Additive Models. *Econometric Theory*, **18**, 197-251.
   Note: Econometric Theory Prize 2000 - 2002

62. W. Härdle, S. Sperlich, and V. Spokoiny (2001) Adaptive Tests in Additive Regression. *Revista de Estatística*, **1**, 185-186.

63. J. Rodríguez-Póo, S. Sperlich and Ph. Vieu (2001) Normalité asymptotique d'estimateurs de maximum de vraisemblance pour modèles non-paramétriques de régression multidimensionelle. *C. R. Acad. Sci. Paris*, **333**, 61-64.

64. A. I. Fernández, J. Rodriguez-Póo and S. Sperlich (2001) A note on the parametric three step estimator in structural labor supply Model. *economics letters*, **74**, 31-41.

65. W. Härdle, S. Sperlich and V. Spokoiny (2001) Structural tests in additive regression. *Journal of the American Statistical Association*, **96**, 1333-1347.

66. S. Sperlich, O. Linton and W. Härdle (1999) Integration and Backfitting Methods in Additive Models - Finite Sample Properties and Comparison. *Test*, **8**, 419-458.

67. E. Severance-Lossin and S. Sperlich (1999) Estimation of Derivatives for Additive Separable Models. *Statistics*, **33**, 241-265.

68. W. Härdle, V. Spokoiny and S. Sperlich (1997) Semiparametric Single Index versus Fixed Link Function Modelling. *The Annals of Statistics*, **25**, 212-243.

69. H. Dette and S. Sperlich (1996) Some application of Stieltjes transforms in the construction of optimal designs for nonlinear regression models. *Computational Statistics & Data Analysis*, **21**, 273-292.

70. H. Dette and S. Sperlich (1994) A Note on Bayesian D-optimal Designs for a Generalization of the Exponential Growth Model. *South African Statistical Journal*, **28**, 103-117.

Under Revision, Submitted, Current Projects

71. P. Kramlinger, T. Krivobokova, S. Sperlich (2019) Marginal and conditional multiple inference in linear mixed models. revised and resubmitted to Annals of Statistics

72. E. Mammen, S. Sperlich (20019) Tests in Additive Interaction Models Based on Smooth Backfitting. under revision for Biometrika

73. G. Benini, S. Sperlich (2019) Modelling Heterogeneous Treatment Effects in Presence of Endogeneity. under revision for Econometrics Review

74. F. Peñaranda, J. Rodriguez-Poo, S. Sperlich (2019) Nonparametric Specification Testing of Conditional Asset Pricing Models. under revision for JBES

75. K. Reluga, M.J. Lombardia, S. Sperlich (2019) Simultaneous inference for mixed and small area parameters. submitted to JRSS reading papers

76. S. Ranjbar, E. Ronchetti, S. Sperlich (2019) Bias Calibration for Robust Estimation of Inequality in Small Areas. submitted to JRSS-A

77. S. Sperlich, J-R. Uriarte (2019) Minority language shift: theory and empirical evidence of a language use game. submitted in Dec19 to PNAS

78. J.M. Sarabia, F. Prieto, V. Jordá, S. Sperlich (2019) Machine Learning as Glass Box Modelling for Financial Data Analytics. submitted in Dec19 to risks.

79. K. Reluga, M.J. Lombardía, S. Sperlich (2019) Simultaneous Inference for Empirical Best Predictors in GLMM to study Poverty in Small Areas. submitted in Dec19 to JASA

80. I. Barbeito, R. Cao, S. Sperlich (2019) Bandwidth Selection for Nonparametric kernel Prediction.

81. S. Dlugosz, B. Fitzenberger, S. Sperlich (2014) Applying Generalized Semi-parametric Mixed Effects Models to Transitions at the Labor Market.

82. S. Sperlich, V. Spokoiny (2013) Inference on the Effective Nonlinear Principal Components in Nonparametric Regression.

Books

83. M. Frölich, S. Sperlich (2019) *Impact Evaluation: Treatment Effects and Causal Analysis*, Cambridge University Press, 400 pp.

84. F. Böker, S. Sperlich, W. Zucchini (2013) *Statistikübungen für Bachelor- und Masterstudenten: Ein Arbeitsbuch mit einer Einführung in R*, 2nd edition, Springer, Statistik und ihre Anwendungen, Heidelberg London New York, 400pp.

85. F. Böker, S. Sperlich, W. Zucchini (2011) *Statistikübungen für Bachelor- und Masterstudenten: Ein Arbeitsbuch mit einer Einführung in R*, Springer, Statistik und ihre Anwendungen, Heidelberg London New York, 350pp.

86. W. Zucchini, A. Schlegel, O. Nenadic, S. Sperlich (2009) *Statistik für Bachelor- und Masterstudenten: Eine Einführung für Wirtschafts- und Sozialwissenschaftler*, Springer, Statistik und ihre Anwendungen, Heidelberg London New York, 470pp.

87. S. Sperlich, W. Härdle, G. Aydinli [Eds.] (2006) *The Art of Semiparametrics*, Springer Series "Contributions to Statistics", ISBN: 3-7908-1700-7, 180pp.

88. W. Härdle, M. Müller, S. Sperlich, A. Werwatz (2004) *Non– and Semiparametric Models*, Springer Series in Statistics, Springer-Verlag, Heidelberg, NY; ISBN: 3-540-20722-8, 340pp.

89. S. Sperlich (1998) *Additive Modelling and Testing Model Specification*. Shaker Verlag Aachen, ISBN: 3-8265-5685-2, 260pp.

Articles in Books (without proceedings)

90. J.R. Uriarte, S. Sperlich (2016) Economic Theory and Minority Language. *In: Economics of Language Policy*, ed. B.-A. Wickström and M. Gazzola; M.I.T. Press

91. I. Moral-Arce, S. Sperlich, A. Fernández-Sainz (2013) The Semiparametric Juhn-Murphy-Pierce Decomposition of the Gender Pay Gap with an application to Spain. *In: Wages and Employment: Economics, Structure and Gender Differences*, ed. A. Mukherjee; Nova Science Publishers, Hauppauge NY, 3-20.

92. M.D. Martínez Miranda, J.P. Nielsen, S. Sperlich (2009) One Sided Cross Validation for Density Estimation. *In: Operational Risk Towards Basel III: Best Practices and Issues in Modeling, Management and Regulation*, ed. G.N.Gregoriou; John Wiley and Sons, Hoboken, New Jersey, 177-196.

93. S. Sperlich (2006) About Sense and Nonsense of Non- and Semiparametric Analysis in Applied Econometrics. *In: The Art of Semiparametrics*, eds. S.Sperlich, W.Härdle, G.Aydinli; Springer-Verlag (Contributions to Statistics), 91-111.

94. S. Sperlich, W. Härdle (2000) Finance. *In: XploRe - Learning Guide*, eds. W. Härdle, S. Klinke and M. Müller; Springer-Verlag, 285-306.

95. Y. Golubev, W. Härdle, Z. Hlavka, S. Klinke, M. Neumann, S. Sperlich (2000) Wavelets. *In: XploRe - Learning Guide*, eds. W. Härdle, S. Klinke and M. Müller, Springer-Verlag, 375-408.

96. S. Sperlich, J. Zelinka (2000) Generalized Additive Models. *In: XploRe - Application Guide*, eds. W. Härdle, Z. Hlavka and S. Klinke; Springer-Verlag, 171-220.

97. W. Härdle, S. Sperlich (1998) Financial calculations on the net. *In: Risk Measurement, Econometrics and Neural Networks*, eds. G. Bol, G. Nakhaeizadeh and K.-H. Vollmer, 53-56. Physica-Verlag.

Further Publications (Articles in Proceedings, Manuscripts with ISBN, Software, Book reviews, and other)

98. S. Sperlich. J. Rodríguez-Poó (2018) Global Statistics - Composite Indicators for International Comparisons. *Massive Open Online course*, `coursera`

99. S. Sperlich, J-R. Uriarte (2018) The economics of minority language use: theory and empirical evidence for a language game model. *SSRN and arxiv.org*

100. S. Sperlich, I. Mueller (2018) Impact Evaluation of Maroc Export's Activities: On the heterogeneity of export promotion effects on firms. *Technical Report for the International Trade Center ITC.*

101. G. Benini, S. Sperlich, R. Theler (2016) Varying Coefficient Models Revisited: an Econometric View. *In: Nonparametric Statistics.* Springer Proceedings in Mathematics and Statistics 175.

102. M. Köhler, S. Sperlich, J. Yoon (2016) A Varying Coefficient Model for Assessing the Returns to Growth To Account for Poverty and Inequality. *SSRN and arxiv.org/abs/1903.02390*

103. S. Sperlich (2015) Porqué Econometría? *In the Revista Máster: Banca y Mercados Financieros* (Fundación UCEIF)

104. S. Sperlich, J-R. Uriarte (2014) Economic Theory and Minority Language. CESifo (Venice International University)

105. M. Köhler, S. Sperlich (2014) The Africa-Dummy: Gone with the Millennium? *SSRN and arxiv.org/abs/1903.02357*

106. J. Dai, I. Moral-Arce, S. Sperlich (2013) Calibrated estimation of a nonparametric income distribution from a few percentiles. *In Proceedings 59th ISI World Statistics Congress: http://2013.isiproceedings.org/*, 4352-4357.

107. S. Sperlich (2011) Economic Aspects and Social Drivers of Land Degradation. *In the Proceedings of the UNCCD First Scientific Conference: Understanding Desertification and Land Degradation Trends*, eds. M. Wislow, S. Sommer, H. Bigas, C. Martius, J. Vogt, M. Akhtar-Schuster, R. Thomas; JRC Scientific and Technical Reports, the European Commission, 56-58. (with conclusions and recommendations, 59-70).

108. S. Sperlich (2011) Book Review: Semiparametric and Nonparametric Econometrics (by J.L.Horowitz; Springer, 2009). *Journal of the American Statistical Association*, **106**, 380.

109. A. Fernandez Sainz, S. Sperlich (2011) Predicción de la distribución del ingreso basado en Data Matching. *Technical Report for the Institute of Fiscal Studies Madrid.*

110. F. Böker, S. Sperlich, W. Zucchini (2011) *Formelsammlung zu Statistikübungen für Bachelor- und Masterstudenten*, Springer, Statistik und ihre Anwendungen – Zusatzmaterial, 55pp.

111. S. Hess, S. von Cramon-Taubadel, S. Sperlich (2010) Numbers for Pascal: explaining differences in the estimated benefits of the Doha Development Agenda. *DARE Discussion Papers 1001, Georg-August University of Göttingen*

112. M.J. Lombardía, S. Sperlich (2010) Smooth transition from mixed to fixed effects models. *In SMPS Proceeding: Combining Soft Computing and Statistical Methods in Data Analysis*, eds. C. Borgelt, P. Grzegorzewski, M.. Gil, M.A. Lubiano, W. Trutschnig, G.G. Rodríguez; Advances in Intelligent and Soft Computing series, **77**, 419-426.

113. M. Requier-Desjardins, S. Sperlich [lead authors] (2010) Chapter 3: Economic and Policy Considerations. *In: Monitoring and Assessment of Desertification and Land Degradation: Knowledge Management, Institutions and Economics, White paper of the DSD Working Group 3 for the UNCCD*, eds. M. Akhtar-Schuster, H. Bigas, R. Thomas; UNU Desertification Series, **9**, 67-90.

114. M.J. Lombardía, S. Sperlich (2009) The Semi-Mixed Effects Model Class. *In ISI Proceeding: isi.cbs.nl/iamamember/CD8-Durban2009/A5 Docs/1122.pdf*

115. I. Molina Peralta, S. Sperlich, D. Morales (2008) Estadística II. (Editor: I. Molina Peralta) *ISBN: 978-84-691-6383-2.*

116. S. Sperlich, O.B. Linton, I. Van Keilegom (2008) A computational note on estimation of a semiparametric transformation model. *Preprint ZfS-2008-02. Centre for Statistics. Georg-August Universität Göttingen, Germany.*

117. J. Roca-Pardiñas, S. Sperlich (2008) Estimating Generalized Structured Models - A Computational Note. *Discussion Paper, Georg August Universität Göttingen, Germany.*

118. M.J. Lombardía, S.Sperlich (2006) Semiparametric Inference in Generalized Mixed Effects Models. *iasc-isi Proceedings, COMPSTAT-KNEMO.*

119. N. Neumeyer, S. Sperlich (2004) Comparing Separable Components from Regression Models in Different Populations. *In SEIO Proceeding: ISBN 84-689-0438-4 and 84-609-0438-5*

120. S. Sperlich, V. Spokoiny (2003) Inference on Semiparametric Multi-Index Models. *In ISI Proceeding: isi.cbs.nl/iamamember/CD3/index.html*

121. S. Sperlich (2002) *Proyecto Docente y de Investigación*, Habil.: Universidad Carlos III de Madrid

122. S. Sperlich (2000) Book Review: Statistics. A Self-Teaching Guide (by D.J.Koosis, Wiley, 1997). *Statistics*, **34**, 175-176.

123. S. Sperlich (2000) Book Review: Einführung in S und S-Plus (by A.Krause, Springer, 1997). *Statistics*, **34**, 259-260.

124. S. Sperlich (2000) Book Review: Elements of Multivariate Time Series Analysis (by G.C.Reinsel, Springer, 1997). *Statistics*, **34**, 260-261.

125. S. Sperlich (2000) Book Review: S-PLUS Learning by Doing (by F.Böker, Lucius & Lucius, 1997). *Statistics*, **34**, 261-262.

126. S. Sperlich (2000) Book Review: Matrix Algebra from a Statistician's Perspective (by D.A.Harville, Springer, 1997). *Statistics*, **34**, 263-264.

127. S. Sperlich (2000) Book Review: Multivariate Statistical Inference and Applications (by A.C.Rencher, Wiley, 1998). *Statistics*, **34**, 264-265.

128. S. Sperlich (2000) Book Review: Kendall's Advanced Theory of Statistics: Classical Inference & The Linear Model (by A.Stuart, K.Ord, and S. Arnold, Arnold, 1999). *Statistics*, **34**, 265-266.

129. S. Sperlich (1999) Book Review: General Statistics (by W.Chase and F.Brown, Wiley, 1997). *Statistics*, **33**, 94-95.

130. S. Sperlich (1999) Book Review: Linear Models (by S.R.Searle, Wiley, 1997). *Statistics*, **33**, 95-96.

131. S. Sperlich (1999) Book Review: An Introduction to Integration and Measure Theory (by O.Nielsen, Wiley, 1997). *Statistics*, **33**, 96-97.

132. U. Grasshoff, J. Schwalbach, S. Sperlich (1999) Executive Pay and Corporate Financial Performance - An Explorative Data Analysis. *Working Paper 99-84, Carlos III de Madrid.*

133. W. Härdle, S. Huet, E. Mammen, S. Sperlich (1998) Semiparametric additive indices for binary response and generalized additive models. *Discussion Paper 95, sfb373, Humboldt Universität Berlin.*

134. E. Böhmer, S. Sperlich (1997) Risikomessung mit VaR für Portfolios: Diskussion und empirischer Vergleich verschiedener Berechnungsmethoden. *Discussion Paper 64, sfb373, Humboldt Universität Berlin.*

135. W. Härdle, S. Sperlich, V. Spokoiny (1997) Component Analysis for Additive Models. *Discussion Paper 52, sfb373, Humboldt Universität Berlin.*

136. S. Sperlich (1994) *Optimale Versuchspläne für nichtlineare Regressionsmodelle*, Diplom - thesis: Georg August Universität Göttingen.

Research Grants and Projects

1. *Parametric and semiparametric modelling of multivariate risks: specification, estimation and testing.* [ECO2016-76203-C2-1-P] Institution: M. de Economía, Industria y Competetividad (Spain); Chair: J-M. Sarabia Alegría, Status: associated, Duration: 2017-2019. 52.030,00 EUR

2. *High performance computing for statistical modelling* [COINF] Institution: Rectorate of the University of Geneva: with K. Reluga, Duration: 2018-2019. 7.135,10 CHF

3. *Minimizing longevity and investment risk while optimizing future pension plans.* Institution: Institute and Faculty of Actuaries, UK; Chairs: J.P. Nielsen, C. Donnelly, and T. Carstensen. Status: associated, Duration: 2016-2021. 1.150.000,00 GBP

4. *New methods for the empirical analysis of financial markets.* Institution: Santander Financial Institute (foundation of University of Cantabria and Banco Santander); Chair: J.M. Rodríguez Póo. Duration: 2015-2017. 400.000,00 EUR

5. *Dependent Risk and Applications (Riesgos dependientes y aplicaciones); subproject (Semi-) Parametric Models for dependent risk: specification and testing* [ECO2013-48326-C2-2-P] Institution: ANEP (Spanish Ministerio de Economía y Competitividad; the Spanish Science Foundation); Chair: J.M. Sarabia Alegría, Status: associated, Duration: 2014-2016. 59.774,00 EUR

6. *Nonparametric Inference: modeling, estimation, testing and applications (Inferencia no paramétrica: modelización, estimación, contrastes y aplicaciones)* [MTM20143-41383-P] Institution: ANEP (Spanish Ministerio de Economía y Competitividad; the Spanish Science Foundation); Chair: W. González Manteiga, Status: associated, Duration: 2014-2016. 98.962,00 EUR

7. *Approaches to Robustness of Structured Models in Econometrics: Theory and Applications* [100018-140295] Institution: Swiss National Science Foundation; with E. Ronchetti. Duration: 2013-2015. approx. 250.000,00

8. *Parametric and Semiparametric Models for Studying Economic Inequality: Specification, Estimation and Hypothesis Testing* [ECO2010-15455] Institution: ANEP (Dirección General de Investigación del Ministerio de Ciencia y Tecnología, the Spanish Science Foundation); Chair: J.M. Sarabia Alegría, Status: associated, Duration: 2010-2012. 67.034,00 EUR

9. *Semiparametric Mixed Effects Models: A new class of multi-level models in Biometrics, Econometrics and Small Area Statistics*, Institution: DAAD and Spanish MCyT; Chairs: MJ.Lombardía and S.Sperlich. Duration: 2010-2012. approx. 9000,00 EUR

10. *Methods and Applications in Semiparametric, Functional and Spatial-Temporal Statistics* [MTM2008-03010] Institution: MCyT/ANEP (Dirección General de Investigación del Ministerio de Ciencia y Tecnología, the Spanish Science Foundation); Chair: W. González Manteiga, Status: associated, Duration: 2009-2013. 335.049,00 EUR

11. DFG-SNF Forschergruppe *Statistical Regularization and Qualitative Constraints: Inference, Algorithm, Asymptotics and Applications*, FOR 916. Principal Investigator of TP A4 *Structured Regression Models*. Duration: 2008-2011. approx 200.000,00 EURO

12. *Scaling Problems in Statistics*, Vice Chair, [DFG Research Training Group 1644], Institution: DFG, (Chair: M. Schlather). Duration: 2010-2014. Participation ended with leave from Göttingen.

13. Courant Center *Poverty, Equity, and Growth in Developing and Transition Countries: Statistical Methods, Empirical Analyses, and Policy Issues*. Institution: DFG (F3 Excellence Cluster at Universität Göttingen). Duration: 2008-2013. Participation ended with leave from Göttingen.

14. Co-Investigator of the Georg-Lichtenberg PhD program *Applied Statistics & Empirical Methods*. Supported by the Volkswagenstiftung. Vize-Speaker of the Georg-Lichtenberg PhD program 2007-2010. Participation ended with leave from Göttingen.

15. ESF Exploratory Workshop – Social Sciences (SCSS), *Specification Testing* (with M. Delgado and J. Rodríguez-Póo). December 2005 in Santander, Spain.

16. *Econometric Models for Assessing the Impact of the CAP Reform*, Institution: Spanish Ministry of Agriculture, Fishery and Food; Chair: C. San Juan Mezonada. Duration: 2005-2009.

17. *Contrastes de Especificación de Modelos Econométricos III* [SEJ2004-04583/ECON] (Testing the Specification of Econometric Models, Part III) Institution: MCyT/ANEP; Chair: M.A. Delgado Gonzáles. Duration: 2005 - 2007.

18. *Contrastes de Especificación de Modelos Econométricos II* [BEC2001-1270] (Testing the Specification of Econometric Models, Part II) Institution: MCyT/ANEP; Chair: M.A. Delgado Gonzáles. Duration: 2002 - 2004.

19. *Nonparametric methods in finance and insurance.* Institution: The Danish Social Science Research Council; Chair: C. Tanggaard. Duration: 1999 - 2001.

20. *Contrastes de Especificación de Modelos Econométricos* [PB98-0025] *(Testing the Specification of Econometric Models)* Institution: MCyT/ANEP (Dirección General de Investigación del Ministerio de Ciencia y Tecnología, the Spanish Science Foundation); Chair: M.A. Delgado Gonzáles. Duration: 2000 - 2001.

21. *Quantification and Simulation of Economic Processes II.* Institution: Sonderforschungsbereich (SFB) 373; Speaker: W. Härdle. Participating from 1996 - 1998.

22. *Generalized Additive Models.* Institution: NATO - Collaborative Research Grant, (with W. Härdle, O. Linton). Duration: 1995 and 1996.

Consultancy Projects

1. Project for the International Trade Centre (a joint subsidiary organ. of UN and WTO) and Maroc Export (the trade promotion organization): *Evalutation d'impact des programmes de Maroc Export.* in 2016-18, jointly with I. Mueller.

2. Participation in EUROsociAL II: *Regional Programme for social cohesion in Latin America* giving courses on project and policy evaluation for members of ministries and other governmental institutions during 2014/2015.

3. Project for the International Trade Centre (a joint subsidiary organ. of UN and WTO) and the European Trade Promotion Organizations: *An impact assessment study of the ETPOs.* jointly with M. Olarreaga and V. Trachsel. 2015.

4. Project for the Institute of Fiscal Studies of the Ministry of Finance, Spain: *Predicción de la distribución del ingreso basado en Data Matching (Prediction of income distributions based on data matching)*, with A.I. Fernández-Sainz. 2010/2011.

5. Leading author of the section on socio-economic issues in the UN assessment report *Monitoring and Assessment of Desertification and Land Degradation*, UNCCD, 2007-2010 (white paper published in 2010).

6. Consultancy projects for the Ministerio de Agricultura, Pesca y Alimentación, Spain: *Diseño de modelos econométricos para la cuantificación y análisis estadístico de los cambios*

introducidos en el seno de la política agraria comunitaria (Designing econometric models for the quantification and the statistical analysis of changes introduced by the agricultural policy of the European Union) para la RECAN, Chair: C. San Juan Mesonada. 2005-2009.

7. Member of a consultancy project for the D.G. de Empleo de la Conserjería de Empleo y Mujer de la C.M. (Spain): *Un Modelo de Programación de la formación ocupacional en la C.M. (A computer based model for the assignment of professional training)*, 2005/06.

Seminars

Key-note speaker or Invited sessions at Congresses / intl. Meetings

1. 12TH INTERNATIONAL CONFERENCE OF THE ERCIM WG ON COMPUTATIONAL AND METHODOLOGICAL STATISTICS, 2019 at the University of London, UK. Title: *Backfitting tests in generalised structured models.*

2. ISI WSC 2019 IN KUALA LUMPUR, in Malaysia. Title: *On Simultaneous / Uniform Inference for Mixed (Small Area) Parameter*

3. 5TH INSTITUTE OF MATHEMATICAL STATISTICS ASIA PACIFIC RIM MEETING (distinguished lecture session), 2018 Singapore. Title: *Varying Coefficient Models for modelling heterogeneity.*

4. 3RD ISNPS (INTERNATIONAL SOCIETY FOR NONPARAMETRIC STATISTICS), 2018 in Salerno, Italy. Title: *Varying coefficient models for causal inference: estimation and testing with smooth backfitting.*

5. CRONOS WORKSHOP ON MULTIVARIATE DATA ANALYSIS AND SOFTWARE, 2018 Cyprus. Title: *Modeling Heterogeneity by Structural Varying Coefficient Models in Presence of Endogeneity.*

6. 10TH INTERNATIONAL CONFERENCE OF THE ERCIM WG ON COMPUTATIONAL AND METHODOLOGICAL STATISTICS, 2017 at the University of London, UK. Title: *Multiple comparisons of small areas using bootstrap.*

7. NETWORK DE MÉTODOS CUANTITATIVOS EN ECONOMÍA - AFADECO, 2017 network meeting in Columbia, Title: *Modeling Heterogeneity by Structural Varying Coefficient Models in Presence of Endogeneity.*

8. NEW METHODS FOR THE EMPIRICAL ANALYSIS OF FINANCIAL MARKETS, 2017 conference in Comillas, Spain, Title: *An Omnibus Specification Test of Conditional Asset Pricing Models.*

9. ILO/IZA CONFERENCE: ASSESSING THE EFFECTS OF LABOUR MARKET REFORMS – A GLOBAL PERSPECTIVE, 2016 at the United Nations, Geneva. Title: invited discussant of the session *Active Labour Market Policies.*

10. 8TH INTERNATIONAL CONFERENCE OF THE ERCIM WG ON COMPUTATIONAL AND METHODOLOGICAL STATISTICS, 2015 at the University of London, UK. Title: *Calibrating non- and semiparametric inference (tests and confidence intervals).*

11. UNECE Conference: Seminar on the Role of National Statistical Offices in the production of Leading, Composite and Sentiment Indicators, 2015 at the United Nations, Geneva. Title: invited chair and discussant of the session *Issues specific to economic indicators*.

12. 2nd ISNPS (international Society for NonParametric Statistics), 2014 in Cadiz, Spain. Title: *Modeling heterogeneity by varying coefficient models*.

13. Applicable Semiparametrics, 2013 in Berlin, Germany. Title: *Heterogeneous returns: chance or challenge for semiparametric methods?*.

14. Encuentro Internacional: Estadistica y Econometria: Actualidad y Apuntaciones, 2012 in Medellin, Colombia. Short-course: *An introduction to treatment effect estimation methods*.

15. Mathematical Statistics meets Econometrics, 2011 in Mannheim, Germany. Title: *Imposing Structure by Prior Knowledge in Semiparametric Analysis*.

16. Dryland ecosystem functioning and resilience: integrating biophysical assessment with socio-economic issues, 2011 in Alghero, Italy. Title: *Welfare benefits of land management and political intervention*.

17. Swiss Statistics Seminar, Spring 2011 in Bern, Switzerland. Title: *Imposing Structure by Prior Knowledge in Semiparametric Analysis*.

18. ISI 57th Session, 2009 in Durban, South Africa: *Discussant* of the invited session *Non- and Semiparametric Statistics*.

19. COP 9 - UNCCD, 2009 in Buenos Aires, Argentina. Title: *Economic Aspects & Social Drivers of Desertification and Land Degradation*. Presentation of the UN assessment report.

20. 27th European Meeting of Statisticians – EMS, 2009 in Toulouse, France. Title: *Inference problems with resampling*.

21. International Seminar on Nonparametric Inference (ISNI), 2008 in Vigo, Spain. Title: *A new class of Semi-mixed effects models*.

22. XVI Jornadas de Estadística de las Comunidades Autónomas, 2008 in Santander, Spain. Title: *Avances Recientes en la estimación e inferencia de áreas pequeñas*.

23. International Workshop on Applied Probability, 2008 at the Université de Technologie de Compiègne, France. Title: *Nonparametric Regression with Effective Nonlinear Principal Components*.

24. Conference on Recent Advances in Time Series Analysis, 2008 in Protaras, Cyprus. Title: *A Feasible Estimator for Generalized Structured Models*.

25. Encuentro Internacional: Estadistica y Econometria: Avances y Perspectivas, 2008 in Medellin, Colombia. Short-course: *Introduction to Non- and Semiparametric Modelling*.

26. II Workshop on Small Area Statistical Inference, 2007 in Santiago de Compostela, Spain. Title: *Semiparametric Inference in Mixed Effects Models with Applications in Small Area Statistics.*

27. ICSA (International Chinese Statistical Association), Applied Statistics Symposium, 2007 in Raleigh, NC-USA. Title: *Recent Approaches to Semiparametric Engel Curve Estimation.*

28. International Seminar on Nonparametric Inference (ISNI), 2005 in A Coruña, Spain. Title: *Semiparametric Estimation of Consumer Demand Systems with almost partially linear prize effects.*

29. Conference on The Art of Semiparametrics, 2003 in Berlin. Title: *About Sense and Nonsense of Non- and Semiparametric Analysis in Applied Econometrics.*

30. ISI 54th Session, 2003 in Berlin, Germany. Title: *Inference in semiparametric multi-index Models.*

31. Conference on Current Advances and Trends in nonparametric Statistics, 2002 in Crete, Greece: Title: *Smooth Backfitting in Practice.*

32. Workshop on Nonparametric, Semiparametric and Resampling Methods 2000 at Universidad Carlos III de Madrid, Spain. Title: *Non-Uniformity of Job-Matching in a Transition Economy – A Nonparametric Analysis for the Czech Republic.*

33. Oberwolfach Seminar Controlling Complexity for Strong Stochastic Dependencies, 2000, Germany. Title: *Semiparametric estimation of weak and strong separable models.*

34. EC^2, 1999 in Madrid, Spain: *Discussant* of the opening talk (CaViAR by Robert Engle)

35. Interface 1998 in Minneapolis, USA. Short-course: *Non- and Semiparametric Modelling*, joint presentation with M. Müller.

36. 6. Ökonometrie Workshop 1997 in Karlsruhe (Germany), *Finance on the Net*, joint presentation with W. Härdle

Further contributions to Congresses (since 1998) approx. 45

Invitations to seminars (since 1998) more than 150

Regular ordinary activities related to Teaching & Administration at home University

- Representative (deputy) of the GSEM in the COREC (Commission de recherche du Fonds national suisse de la recherche scientifique) and COPIL (Comite de pilotage) since 2020

- Director of the Scientific Committee for the *PhD program for Statistics* since 2019.

- Member of the Scientific Committee *Master of Science in Business Analytics* since 2019.

- Member of the Scientific Committee *Complementary Certificate in Applied Statistics* 2019.

- In charge of international collaboration and exchange programs, especially for *Master of Science in Statistics* since 2019.

- Director of the Geneva Summer School *Evaluating Policy Interventions* since 2016.

- Member of the Scientific Committee of the Bachelor for Economics and Management, 2015-2017.

- Co-organizer of the Geneva Summer School *Evaluating Policy Interventions* 2015.

- Coordinator of the scientific cooperations (area: statistics and econometrics) of the University with the international organizations at Geneva, since 2013.

- Member of the Committee for the PhD program in Econometrics, 2010-2017.

- Member or working group *recherche* of the report for the GSEM foundation.

- Co-organizer of the Luigi Solari Lectures at Uni Genève, since 2012.

- Co-organizer of the Statistics Research Seminars at Uni Genève, since 2012.

- Member of the Faculty Council, 2012-2017 (until 2013 faculty 'SES', since 2014 'FEM').

- Member of Library Commission, until 2014 for the SES, since 2019 for GSEM.

- Organizer of the Economic Research Seminars at Uni Genève, 2011-2015.

- Dean (Dekan) of the Faculty of Economic Sciences, Univ. Göttingen, 2010.

- Vice dean for research (Forschungsdekan) of the Faculty of Economic Sciences, 2009-2010.

- Vize-Speaker of the Georg-Lichtenberg PhD program 2007-2010.

- Member of the Faculty Council, 2007-2010 (president in 2010).

- Vice speaker of the interfaculty Center for Statistics at the University of Göttingen, 2007-2010.

- Member of the Committee for all PhD programs at the Faculty of Economics, 2007-2010.

- Vice dean for the academic exchange of the Faculty of Social Sciences and Law, Univ. Carlos III de Madrid, 2004-2005.

- From 2002 to 2004: Coordinator of the courses: Statistical Inference in the *Licenciatura Estadística*, Statistics and Techniques of Social Research in the *Diplomatura Relaciones Laborales*, and Survey Analysis in the *Diplomatura Estadística*

- Organizer of the Econometric Research Seminars at Carlos III de Madrid, 2003-2006.

Extraordinary Activities for Creating Teaching & Research Environment at home University

- Negotiated Memorandum of Understanding between UNCTAD and University of Geneva; signed in 2016

- Established regular joint research seminars with ILO (since 2015)

- Creator and Director of the Massive Open Online Course *managing Global Statistics: composite indices for international comparison* in cooperation with KOF-ETH, UNCTAD, ITC, UNDP, and UNECE. Launched 2018

- Creation of a University wide software consultancy for data processing, analysis and presentation for preparing the bachelor-, master- and diploma- thesis (jointly with Prof. Fred Böker), Georg-August University Göttingen, (founded 2009)

- EFRE-project *Schlüsselqualifikationen in der GGG (key qualifications in the GGG)* for the Graduate school for human and social sciences (abbrev. GGG). Duration: 2009-2011. Participation ended with leave from Göttingen.

- Co-founder of the Courant Research Center *Poverty, Equity, and Growth in Developing and Transition Countries: Statistical Methods, Empirical Analysis, and Policy Issues* at the Georg-August University Göttingen, (founded 2008)

- Foundation of the Service Center (jointly with the Vice-dean for teaching affairs and examination office) for the Students of the Faculty of Economic Sciences, Georg-August University Göttingen, (founded 2008)

- Establishment of the University wide statistical consulting office (with Prof. Walter Zucchini) for bachelor-, master-, and diploma-students, Georg-August University Göttingen, in 2007

- Installation of a third-part-funded DAAD-professorship (jointly with Prof. Carlos San Juan Mesonada and the German Embassy) at the Economics Department at the University Carlos III de Madrid, 2006–2011

Other Scientific, Administrative, and related Activities

- Member of directory board of the Swiss Evaluation Society SEVAL, since 2019

- Editorial Board member of the *Spanish Journal of Statistics - Estadística Española: An Official Journal of The National Statistics Institute of Spain, INE* since 2019

- Teaching *classification methods* in CAS MIA (infrastructure asset management) since 2019.

- Member of the board of directors of the European Regional Section (ERS) of the International Association for Statistical Computing (IASC) since 2018.

- Member of the scientific committee of the statistics & probability section of CUSO (Conférence Universitaire de Suisse Occidentale) since 2018.

- Research Fellow of the Center for Evaluation and Development, Mannheim, Germany

- Member of the commission for awarding the *Ramón y Cajal* grants 2016-17 in Mathematics, (MTM), Spain.

- Chair of the Local Organizing Committee Member for the EEA–ESEM 2016, Genève.

- Member of the commission for awarding the *Juan de la Cierva* grants 2016-17 in Mathematics (MTM), Spain.

- Member of the Organizing & Scientific Committe of the UNECE (United Nations Economic Commission for Europe) Seminar on leading, composite and sentiment indicators 2015 (UN - Genève)

- Member of the 'Conseil de la statistique cantonale de Genève', 2014 - 2018.

- Member of the committee of the Swiss Academy of Humanities and Social Sciences, 2015

- Local Organizing Committee Member, COMPSTAT 2014 (Genève).

- Since 2007 organizer of (special) invited session for different international congresses like the International Statistical Institute (ISI) Meetings, Meetings of the International Society for Non-Parametric Statistics (ISNPS), COMPSTAT or CFE-CMStatistics.

- Co-organizer with R. Winkler and K. Neusser of the Young Swiss Economists Meeting 2014 (Berne)

- YSEM scientific committee member and discussant 2013 - 2020 (yearly)

- Evaluator of Research Projects and institutions for the National Science Foundations of Spain (since 2000), Belgium (since 2010), France (since 2014), and Italy (since 2016).

- Participation at the *Nuit de la Science 2012* of the Canton of Geneva.

- Associate Editor of *Sankhya B*, 2012-2016.

- Executive board member of the *Swiss Society of Economics and Statistics* (member of the Swiss Academy of humanities and social sciences), 2011-2017.

- Working Group core member of the *Dryland Science for Development consortium* for preparing the scientific section of COP-9 of the UNCCD-CST (United Nations Convention on Combating Desertification – Committee on Science and Technology), 2009-2010.

- Co-founder (2009) and affiliate member of the Courant Research Center *Poverty, Equity and Growth in Developing Countries*, Göttingen, Germany.

- Associate Editor of *TEST*, since 2009.

- Consultant for quality & evaluation of the Universities of the Basque Country (UNIQUAL - department of the ministry for education, universities and research), 2007-2009.

- Chair of Scientific Committee, *Advances in Semiparametric Methods and Applications* - Satellite meeting of ISI 2007 in Lisbon.

- Organizer of the Spanish-German Meeting of Statistics & Econometrics. July 2007 in Göttingen, Germany.

- Since 2004 member of Scientific Committees for Conferences like ESEM, ASMA, ISNI, *Applicable Semiparametrics*, Swiss Statistical Society, Swiss Society for Economics & Statistics, CFE-CMStat, ISNPS (international Society for NonParametric Statistics), etc.

- Local Organizing Committee Member of the EEA-ESEM 2004, Madrid.

- Editor of *focus*, a quarterly publication of the IFL *de Estudios Avanzados en Economía*, 2001-2003.

Member in Ph.D. Thesis Committees at

University Carlos III de Madrid, Spain; University of the Bask Country (Bilbao), Spain; University Toulouse III - Paul Sabatier, France; University of Santiago de Compostela, Spain; University of Cantabria (Santander), Spain; University of Alicante, Spain; Georg-August Universität Göttingen (in the faculties of Economics, Agriculture, and Mathematics), Germany; University of Geneva, Switzerland; University of Vigo, Spain; University of A Coruña, Spain;

Supervision of PhD theses (supervised Master and Bachelor theses not listed)

1. Gilles Cattani, at the University of Geneva, Switzerland

2. María Martha Sarabia Vega, at the University of Geneva, Switzerland
   , joint supervision with Prof. Ricardo Nogales Carvajal

3. Peter Kramlinger, at the University of Göttingen, Germany
   , joint supervision with Prof. Tatyana Krivobokova

4. Mariem Nouar, at the University of Geneva, Switzerland
   , joint supervision with Prof. Céline Carrère

5. Katarzyna Reluga, at the University of Geneva, Switzerland
   , joint supervision with Prof. María-José Lombardía

6. Setareh Ranjbar, defended the 16.05.2018 at the University of Geneva, Switzerland
   Contributions to robust analysis of structural models, joint supervision with Prof. Elvezio Ronchetti

7. Virginie Trachsel, defended the 13.04.2018 at the University of Geneva, Switzerland
   Heterogeneity and International Economics

8. Raoul Theler, defended the 30.1.2018 at the University of Geneva, Switzerland
   Heterogeneous Coefficient Identification and Estimation in Econometric Models

9. Giacomo Benini, defended the 13.04.2017 at the University of Geneva, Switzerland
   Varying Coefficient Models in Presence of Endogeneity

10. Ren Ohinata, defended the 03.05.2012 at the University of Göttingen, Germany
    Three Essays on Application of Semiparametric Regression: Partially Linear Mixed Effects Model and Index Model

11. Max Köhler, defended the 02.05.2012 at the University of Göttingen, Germany
    Econometric Studies on Flexible Modeling of Developing Countries in Growth Analysis

12. Carsten Hundertmark, defended the 02.05.2012 at the University of Göttingen, Germany
    Ökonometrische Verfahren zur Messung von Segregation und Lohndiskriminierung - eine theoretische und empirische Studie

13. Anja Schindler, defended the 29.09.2011 at the University of Göttingen, Germany
    Bandwidth selection in nonparametric kernel estimation

14. Duygu Savaşcı, defended the 28.09.2011 at the University of Göttingen, Germany
    Three studies on semi-mixed effects models

15. Nils-Bastian Heidenreich, defended the 11.04.2011 at the University of Göttingen, Germany
    Applications of nonparametric methods in economic and political sciences

16. Jing Dai, defended the 08.04.2011 at the University of Göttingen, Germany
    Simple solutions to hard problems in the estimation and prediction of welfare distributions

17. Michael Scholz, defended the 08.04.2011 at the University of Göttingen, Germany
    Semiparametric structure guided by prior knowledge

18. Sebastian Vollmer, defended the 29.06.2009 at the University of Göttingen, Germany
    A contribution to the empirics of economic and human development, joint supervision with Prof. Stephan Klasen

19. Jorge Barrientos-Marín, defended the 26.01.2007 at the University of Alicante, Spain
    Some practical problems of recent nonparametric procedures: Testing, estimation and application

Referee for

Annals of Statistics, J. of the Royal Statistical Society B, JASA, Econometric Theory, Bernoulli, Biometrika, Econometrica, Computational Statistics & Data Analysis, J. of Stat. Planning and Inference, European Economic Review, Statistics and Computing, J. Multivariate Analysis, Statistics, Test, Nonparametric statistics, Empirical Economics, Income and Wealth, Annals of the Stat. Inst. of Tokyo, J. of Computational and Graphical Statistics, Computational Statistics, Communications in Statistics, Journal of Economics and Statistics, Applied Economics, Metrika, Sankhya B, J. of Agricultural Biometrical and Environmental Statistics, Sarhad J. of Agriculture, European J. of Operational Research, J. of Development Economics, Springer books, AStA, J. of Econometrics, and many others

Memberships

- Swiss Society for Evaluation (SEVAL), since 2018.

- International Statistical Institute / International Association for Statistical Computing, since 2013.

- Société Suisse de Statistique, since 2013.

- Société Suisse d'économie et de statistique, since 2011.

- Desert Net International, since 2008.

- Econometric Society, since about 1996.

- Royal Economic Society, 2012.

- GENET (transversal network of gender studies in human & social sciences and law)

- Deutscher Hochschulverband (DHV), until 2010.

- Centre for Statistics Göttingen, 2006-2010.

- Verein für Sozialpolitik & ökonometrischer Ausschuß, 2006-2010.

- International Chinese Statistical Association, 2007.

- Sociedad de Estadística e Investagación Operativa, 2000-2005.

- Instituto Flores de Lemus, 1999-2005.

List of Lectures (invited one-off short courses not listed)

Courses were taught in English if not stated differently

Period	University	Position	Course
1990-1994	Georg-August Uni Göttingen	stud. teaching assist.	exercises for stochastics I (in German)
			exercises for stochastics II (in German)
			statistical practica (in German)
1994-1998	Humboldt Uni Berlin	teaching assistant	exercises for statistics I (in German)
			exercises for statistics II (in German)
			exercises f. non- & semipar. modeling
			option pricing - seminars
1998-2006	Uni Carlos III de Madrid	professor for statistics & OR	Introduction to Statistics (in Spanish & English)
			Statistics I (in Spanish & English)
			Statistics II (in Spanish & English)
			Statistical Inference (in Spanish)
			Econometrics (in Spanish & English)
			Mathematics II (in Spanish & English)
			PhD econ.: Intro. to Probab. & Statist.
			PhD econ.: Statistics
			PhD econ.: Math II - Measure & Integration
			Statistical Methods for Devel. Econ. (in Spanish)
2006-2010	Georg-August Uni Göttingen	chair of econometrics	Statistics (in German)
			Introductory Econometrics (in German)
			Econometrics I
			Econometrics II
			Appl. Statist. Modeling
			graduate seminar - different topics
			PhD stat.: Non- and Semipar. Modeling
			PhD stat.: math. methods for Statist.
			PhD stat.: statistical consulting
			PhD econ.: seminar - different topics
2008-2010	UIMP (Spain)	visiting prof.	Statist. Analysis of Gender Discrimination (in Spanish)
2009-2011	UPV/EHU (Spain)	visiting prof.	PhD econ.: semiparametric econometrics (in Spanish)
2010	UC3M (Spain)	visiting prof.	PhD econ.: semiparametric econometrics
2010–	Uni Genève	P.O. for statistics and econometrics	Introduction to econometrics (in French & English)
			Econometric programming and software (in French)
			Microeconometrics [limited dependent & qualitative vars.]
			An introduction to non- and semipar. modelling
			Policy & Program evaluation: statist. & econ. tools
			Seminar in Statistics
			Seminar in Economics and Econometrics
			Advanced Econometrics
			Data-driven Impact Evaluation
2012	Uni Basel	visiting prof.	Multivariate data analysis (in German)
2013	Uni Lausanne	visiting prof.	Econometric Theory
2018	Uni de la Réunion	visiting prof.	Impact evaluation (in French)