Dominik Liebl · Curriculum Vitae

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CURRENT
POSITION

since Oct. 2014 **Assistant Professor** for Statistics, Institute for Financial Economics and Statistics, University of Bonn

since Oct. 2014 **Member** of the Hausdorff Center for Mathematics, University of Bonn

EDUCATION

2013 – 2014 **Post-Doc**, Université libre de Bruxelles
2013 **PhD**, University of Cologne
2010 (6 months) **Research Stay**, Université Toulouse III
2008 **Diploma** (in Economics), University of Bonn
2006 – 2007 **Socrates exchange**, Charles University Prague

ACADEMIC
EMPLOYMENT

since Oct. 2014 **Assistance Professor** for Statistics at Institute for Financial Economics and Statistics, University of Bonn
2013 – 2014 **Post-Doc** at the European Centre for Advanced Research in Economics and Statistics, Université Libre de Bruxelles
2010 – 2013 **Research Assistant** at the Institute for Econometrics and Statistics, University of Cologne
2008 – 2010 **Scholar** at the Cologne Graduate School in Management, Economics and Social Sciences, University of Cologne

PUBLICATIONS

The R-package phtt: Panel Data Analysis with Heterogeneous Time Trends (with O. Bada), *Journal of Statistical Software*, 59(6): 1–33, 2014

Ankle Plantarflexion Strength in Rearfoot and Forefoot Runners: A novel Clusteranalytic Approach (with S. Willwacher, J. Hamill, and G.P. Brüggemann), *Human Movement Science*, 35: 104–125, 2014

Modeling and Forecasting Electricity Spot Prices: A Functional Data Perspective, *The Annals of Applied Statistics*, 7(3): 1562–1592, 2013

REFEREED
CONFERENCE
PROCEEDINGS

Parameter Regimes in Partially Functional Linear Regression for Panel Data (with F. Walders), *Proceedings of the 4th International Workshop on Functional and Operatorial Statistics*, (Forthcoming)

Modelling Electricity Prices as Functional Data on Random Domains (with A. Kneip), *Contributions in infinite-dimensional statistics and related topics*, Edited by: Bongiorno, E.G., Salinelli, E., Goia, A., Vieu, P.: 90–97, 2014

Robust Clustering of Joint Moment Curves (with K. Mosler and S. Willwacher), *9th DVS-Symposium on Computer Sciences in Sports*, Edited by: Byshko, R., Dahmen, T., Gratkowski, M., Gruber, M., Quintana, J., Saupe, D., Vieten, M., Woll, A.: 68–73, 2012

WORKING PAPERS	Anti-Proportional Bandwidth Selection for Smoothing (Non-)Sparse Functional Data with Covariate Adjustments
	Inference for Covariate Adjusted Sparse to Dense Functional Data with Application to Testing Differences in Energy Prices
	On the Optimal Reconstruction of Partially Observed Functional Data (with A. Kneip)
	Regime Switching in Partially Functional Linear Regression for Panel Data (with F. Walders)
WORK IN PROGRESS	A Subsampled Penalty Criterion to Estimate the Number of Non-Vanishing Common Factors in Large Panels (with O. Bada)
	On the Minor Role of Bandwidth Selection when Smoothing Sparse to Dense Functional Data
	Generalized Functional Linear Models with Points of Impact (with D. Poß, A. Kneip, H. Eisenbarth, and T. Wager)
	Observe the Unobservable: Firm Value and Firm-Specific Heterogeneity in Time Trends (with J. Gider)
	Life-cycle Wage Trajectories with Missing Data: A Factor Analytic Approach (with P. Pinger)
SOFTWARE	**R-Paket phtt:** The package provides estimation procedures for panel data with interactive fixed effects. (Available at CRAN.) Accompanying research article: Bada, O. and Liebl, D. (2014). The R-package phtt: Panel Data Analysis with Heterogeneous Time Trends. *Journal of Statistical Software*, 59(6), 1–33
SCIENTIFIC MEMBERSHIPS	Member of the CMStatistics team on "Statistics for Functional Data"
	Member of the international scientific network of Empirical Methods in Energy Economics (EMEE)
GRANTS, SCHOLARSHIPS AND AWARDS	**Post-Doc** scholarship of the Inter University Attraction Pole Network IUAP-P7/06 financed by the Belgian Science Policy Office (BELSPO)
	Theodor Wessels Prize (5000 EUR) for the publication: Liebl, D. (2013). Modeling and Forecasting Electricity Spot Prices: A Functional Data Perspective. *The Annals of Applied Statistics*, 7(3), 1562–1592
	PhD scholarship of the Cologne Graduate School in Management, Economics and Social Sciences financed by the German federal state of North Rhine-Westphalia (NRW)
	Foreign exchange scholarship of the SOCRATES program financed by the European Union
	Horizon 2020 Program for Research and Innovation of the European Union, *Infinite Dimensional Information Geometry (IDIG)*; multinational collaboration with Ecole Nationale de l'Aviation Civile (France), Safety Line (France), Università degli Studi G. d'Annunzio (Italy), and Université Catholique de Louvain (Belgium), University of Bonn, **unter review**

REFEREEING		The Annals of Applied Statistics (AOAS), Journal of Time Series Analysis (JTSA), Computational Statistics and Data Analysis (CSDA), Journal of the Royal Statistical Society: Series B (JRSSB), Statistical Modeling: An International Journal (SMIJ), Journal of Sport and Health Science (JSHS), Energy Economics (ENEECO), Journal of Statistical Planning and Inference (JSPI), Journal of Multivariate Analysis (JMVA)
TEACHING EXPERIENCE	Fall 2016	NON-/SEMIP.-ECONOMETRICS (Seminar MA, Univ. of Bonn)
	Spring 2016	NICHTPARAM. STAT. (Lecture BA, Univ. of Bonn)
	Fall 2015	COMPUTATIONAL STAT. (Lecture MA/PhD, Univ. of Bonn)
	Spring 2015	NICHTPARAM. STAT. (Lecture BA, Univ. of Bonn)
	Fall 2014	ECONOMETRICS (Lecture PhD/MA, Univ. of Bonn)
	Fall 2014	ADV. STATISTICS (Lecture MA, DSHS-Cologne)
THESIS SUPERVISION		Bachelor (5), Master (2 + 2 current), PhD (Fabian Walders)
CONFERENCE, WORKSHOP, & SEMINAR PRESENTATIONS	2017	CMStatistics London (scheduled) **(invited by G. Gonzlez-Rodrguez)**, IWFOS-Workshop Coruña-Spain, Research Seminar Univ. Kiel (scheduled) **(invited by M. Demetrescu)**
	2016	CMStatistics Seville-Spain **(invited by E. Bongiorno)**, CRoNoS-Workshop **(invited by A. Kneip)**, ISNPS-Conference Avignon-France, DAGStat Göttingen, GPSD Univ. Bochum (Germany), Research Seminar HU-Berlin **(invited by W. Härdle)**
	2015	CMStatistics London, Research Seminar Univ. Cologne **(invited by M. O. Bettzüge)**, Statistische Woche Hamburg, Research Seminar of the German Sports University in Cologne **(invited by Prof. G.-P. Brüggemann)**, Workshop *Recent Developments in Statistics for Complex Dependent Data* Loccum, MEPS-Workshop Wroclaw-Poland **(invited by R. Weron)**, Research Seminar Univ. Regensburg **(invited by R. Tschernig)**
	2014	CMStatistics Pisa-Italy **(invited by A. Kneip)**, UCL Seminar Leuven-Belgium **(invited by I. Gijbels)**, IWFOS-Workshop Stresa-Italy, 10. Symposium der dvs-Sektionen Biomechanik, Sportmotorik und Trainingswissenschaft - Gießen, ISNPS-Conference Cádiz-Spain **(invited by A. Kneip)**, UCL-ULB Seminar Brussels-Belgium **(invited by S. Hörmann)**
	2013	Statistische Woche Berlin, Workshop *Recent Advances in Time Series and Econometrics* Brussels-Belgium **(invited by M. Hallin)**, Workshop *Asymptotic Theory for Multidimensional Statistics* Rennes-France, Workshop *Dependent Functional Data* Göttingen **(invited by T. Krivobokova)**
	2012	Workshop *Statistique Fonctionelle et Opératorielle* Montpellier-France **(invited by A. Mas)**, 9. Symposium der dvs-Sektion Sportinformatik - Konstanz, 9. Symposium der dvs-Sektionen Biomechanik, Sportmotorik und Trainingswissenschaft (Neuro-Motion) - Münster, ISNPS Chalkidiki-Greece **(invited by P. Kokoszka)**, Workshop *Empirical Methods in Energy Economics* Berlin

2011		Research Seminar Univ. Cologne **(invited by M.O. Bettzüge)**, Statistische Woche Leipzig, Research Seminar of the German Sports University in Cologne **(invited by Prof. G.-P. Brüggemann)**, Workshop *Econometric and Statistical Modeling of Multivariate Time Series* Louvain-la-Neuve-Belgium,
2010		STAPH Research Seminar Toulouse-France **(invited by P. Sarda)**, Statistische Woche Nürnberg, DAGStat Dortmund

MISCELLANEOUS	Languages	German (mother tongue), English (fluent), French (basic) and Spanish (basic).
	Computing	Fluent: R, LaTeX, Markdown; basics: Julia, MATLAB, C++, Fortran, Java and HTML
	Sports	Three times German judo champion (2004-2006), seventh at the military judo world championships (Beijing, 2002), 2010–2013 trainer of an integrative (handicapped and non-handicapped) judo group
	Family	Father of two daughters (born in March 2014 and Sept. 2016)

Bonn, March 30, 2017