Bernhard Pfaff

✉ bernhard@pfaffikus.de

Employment

10.2005–present **Portfolio Manager**, *Invesco*, Frankfurt am Main.
TAA and portfolio research; risk modelling

01.2001–09.2005 **Analyst**, *Dresdner Kleinwort Wasserstein*, Frankfurt am Main.
Development of FI and FX models for evaluation and forecasting. Consultancy to internal and external clients

10.1998–12.2000 **Economist**, *Commerzbank AG*, Frankfurt am Main.
Analysis of FX market; ECB watching; representing the firm in media.

07.1994–09.1998 **Assistant**, *Albert-Ludwigs-Universität*, Freiburg im Breisgau.
Research and teaching assistant at the Institute of Statistics and Econometrics; maintenance of a macroeconomic model for Germany; teaching graduate students in econometrics; supervising master thesis papers.

10.1994–07.1996 **Lecturer**, *Berufsakademie*, Villingen-Schwenningen.
Macroeconomics; monetary theory and policy.

Education

11.1997 **Doctorate (Economics)**, *Albert-Ludwigs-Universität*, Freiburg im Breisgau.
summa cumm laude

10.1991–05.1994 **Diploma (Economics)**, *Albert-Ludwigs-Universität*, Freiburg im Breisgau.
predicate

09.1990–07.1991 **NA**, *University of California*, Davis, CA.
Scholarship

10.1988–07.1990 **Pre-Diploma (Economics)**, *Georg-August-Universität*, Göttingen.

07.1987–09.1988 **Military Service**, *Bundeswehr*, Warburg/Westfalen.

09.1985–06.1987 **Forwarding Agent**, *Danzas GmbH*, Frankfurt am Main.

06.1985 **Abitur**, *Freiherr-vom-Stein Schule*, Frankfurt am Main.

Publications

Books

- Bernhard Pfaff. Stabilitätsüberprüfung von Geldnachfragefunktionen ausgewählter EU-Staaten — Eine Darstellung und Anwendung der Flexible Kleinste Quadrate Methode. Number 41 in Schriften zur Monetären Ökonomie. Nomos Verlagsgesellschaft, Baden-Baden, 1998.
- Bernhard Pfaff. Analysis of Integrated and Co-Integrated Time Series with R. useR! Springer, New York, 2nd edition, 2008.

- Bernhard Pfaff. Modelling Financial Risks. Frankfurter Allgemeine Buch, Frankfurt am Main, 2010.
- Bernhard Pfaff. Financial Risk Modelling and Portfolio Optimisation with R. Series: Statistics in Practice, John Wiley & Sons, London, 2013.

Articles and Papers

- Bernhard Pfaff. Clustering corporate bonds: A short note on iboxx. Diskussionsbeiträge 03/03, Institut für Allgemeine Wirtschaftsforschung, Abteilung Empirische Wirtschaftsforschung und Ökonometrie, Albert-Ludwigs-Universität, Freiburg im Breisgau, 2003.
- Bernhard Pfaff. Var, SVAR and SVEC models: Implementation within R package vars. Journal of Statistical Software, 27(4):1–32, 2008.

Conferences and Talks

- Bernhard Pfaff. Talk: useR! – at an investment bank? useR! Conference, Vienna, Austria, 2004.
- Bernhard Pfaff. Talk: Analysis of Integrated and Cointegrated Time Series. 1st R/Rmetrics User and Developer Workshop, Meielisalp, Lake Thun, Switzerland, 2007.
- Bernhard Pfaff. Talk: useR in the financial sector. CFE: Computational and Financial Econometrics, Geneva, Switzerland, 2007.
- Bernhard Pfaff. Talk: Package Development in R: Implementing GO-GARCH models. 3rd R/Rmetrics User and DeveloperWorkshop, Meielisalp, Lake Thun, Switzerland, 2008.
- Bernhard Pfaff. Talk: Tactical Asset Allocation: Putting the Pieces Together. 2nd R/Rmetrics User and Developer Workshop, Meielisalp, Lake Thun, Switzerland, 2008.
- Bernhard Pfaff. Tutorial: Analysis of Integrated and Co-integrated Time Series. useR! Conference, Dortmund, Germany, 2008.
- Bernhard Pfaff. Keynote: Risk Modeling with R. 2nd R in Finance Conference, Chicago, 2010.
- Bernhard Pfaff. Talk: Interfacing NEOS from R. 3rd R in Finance Conference, Chicago, 2011.
- Bernhard Pfaff. Talk: Interfacing NEOS from R. 5th R/Rmetrics Meielisalp Workshop & Summer School on Computational Finance and Financial Engineering, Meielisalp, Lake Thun, Switzerland, 2011.
- Bernhard Pfaff. Talk: Diversification Reconsidered: Minimum Tail Dependence. 4th R in Finance Conference, Chicago, 2012.
- Bernhard Pfaff. Talk: Diversification reconsidered: Minimum Tail Dependency. 6th R/Rmetrics Meielisalp Workshop & Summer School on Computational Finance and Financial Engineering, Meielisalp, Lake Thun, Switzerland, 2012.

Kronberg im Taunus, January 10, 2013