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Mini-Bio: Professor at the University of Bologna since November 2018. Hennig’s research interests are cluster analysis, multivariate data analysis incl. classification and data visualisation, robust statistics, foundations and philosophy of statistics, statistical modelling and applications. He was Senior Lecturer in Statistics at UCL, London, 2005-2018. Hennig studied Mathematics in Hamburg and Statistics in Dortmund. He was promoted at the University of Hamburg in 1997 and habilitated in 2005. In 2017 Hennig got his Italian habilitation. After having obtained his PhD, he worked as research assistant and lecturer at the University of Hamburg and ETH Zuerich.

SELECTED PUBLICATIONS:

- A. Gelman and C. Hennig: Beyond subjective and objective in statistics. *Journal of the Royal Statistical Society, Series A*, accepted as discussion paper, discussed on 12 April 2017. [Free version on RSS website.](#)
- Hennig C and Akhanli S: Football and the Dark Side of Cluster Analysis, in: *Big Data Clustering: Data Preprocessing, Variable Selection and Dimension Reduction*, Berlin, WIAS Berlin, 2017, pp. 81 - 87.
- Hennig C and Lin CJ: Flexible parametric bootstrap for testing homogeneity against clustering and assessing the number of clusters, «*STATISTICS AND COMPUTING*», 2015, 25, pp. 821 - 833.
- Hennig C, Meila M, Murtagh F, Rocci R: *Handbook of Cluster Analysis*, Boca Raton, CRC Press, 2015, pp. 753 . [Research monograph]
- C. Hennig: Clustering strategy and method selection. In Hennig, C., M. Meila, F. Murtagh, and R. Rocci (Eds.). *Handbook of Cluster Analysis*. Chapman and Hall/CRC (2015). [Free version on arxiv.org.](#)
- C. Hennig: Mathematical Models and Reality - a Constructivist Perspective, *Foundations of Science* 15, 29-49 (2010). [pdf\(**\)](#).
- C. Hennig: A Constructivist View of the Statistical Quantification of Evidence, *Constructivist Foundations* 5 (2009). [\(*\)](#).
- C. Hennig: Falsification of propensity models by statistical tests and the goodness-of-fit paradox, *Philosophia Mathematica* 15 (2007), 166-192. [pdf\(**\)](#).
- C. Hennig: The game of red and blue revisited: propensities, subjective probabilities, and the goodness-of-fit paradox, (2006). [pdf](#).
- C. Hennig: How wrong models become useful - and correct models become dangerous, in M. Schader, W. Gaul, M. Vichi (Eds.): *Between Data Science and Applied Data Analysis* , Springer, Berlin 2003, 235-243. [pdf\(**\)](#).