

**Current positions**

Director of the Institute for Industrial Production (IIP) and the French-German Institute for Environmental Research at KIT, Germany (since 2008)

**Previous positions (two selected)**

Full professor and holder of the Chair of Energy Economics at Brandenburg University of Technology Cottbus, Germany (2005-2008)

Project Manager, Energie Baden-Württemberg AG, Germany (2004-2005)

**Scientific degrees**

Habilitation in Business Administration, University of Karlsruhe, Germany (2004)

PhD in Business Administration, University of Karlsruhe, Germany (1998)

**Recent research topics**

Energy Systems Analysis, Energy and Environment, Energy Markets

**Awards, honors, memberships**

First prize of the Sparkassen-Foundation for the PhD thesis (1999)

First prize of the Energy Forum Berlin for the Habilitation (2004)

Member of the Board of Management, Smart Grids Platform Baden-Württemberg e. V.

**Publications (5 most important)**

- **R. McKenna, V. Bertsch, K. Mainzer, W. Fichtner**, Combining local preferences with multi-criteria decision analysis and linear optimization to develop feasible energy concepts in small communities, *Eur. J. Oper. Res.* 268 (3), 1092 (2018) [doi:10.1016/j.ejor.2018.01.036](https://doi.org/10.1016/j.ejor.2018.01.036)
- **M. Hain, H. Schermeyer, M. Uhrig-Homburg, W. Fichtner**, Managing renewable energy production risk, *J. Bank. Finan.* 97, 1 (2018) [doi:10.1016/j.jbankfin.2018.09.001](https://doi.org/10.1016/j.jbankfin.2018.09.001)
- **H. Schwarz, V. Bertsch, W. Fichtner**, Two-stage stochastic, large-scale optimization of a decentralized energy system: a case study focusing on solar PV, heat pumps and storage in a residential quarter, *OR Spectrum* 40 (1), 265 (2017) [doi:10.1007/s00291-017-0500-4](https://doi.org/10.1007/s00291-017-0500-4)
- **V. Bertsch, W. Fichtner**, A participatory multi-criteria approach for power generation and transmission planning, *Ann. Oper. Res.* 245 (1), 177 (2016) [doi:10.1007/s10479-015-1791-v](https://doi.org/10.1007/s10479-015-1791-v)
- **P. Jochem, M. Schönfelder, W. Fichtner**, An Efficient Two-stage Algorithm for Decentralized Scheduling of Micro-CHP Units, *Eur. J. Oper. Res.* 245 (3), 862 (2015) [doi:10.1016/j.ejor.2015.04.016](https://doi.org/10.1016/j.ejor.2015.04.016)