



**Current positions**

Director at Institute for Automation and Applied Informatics (IAI) and Full Professor for "Energy Informatics", KIT (since 2014)

**Previous positions (two selected)**

Power Plant Director of BASF SE in Ludwigshafen, Germany (2010-2014)  
Various positions at BASF SE in Ludwigshafen, Germany (2003-2010)

**Scientific degrees**

Doctoral degree (PhD) in Automation, University of Paris XI, France (2002)

**Recent research topics**

Energy Informatics, Automation of Technical Processes, Control Engineering, Cybernetics, Simulation, Forecasting

**Awards, honors, memberships**

Eugen-Hartmann-Award of VDI (2005); Participation Award of the Lindau Meetings of Nobel Laureates (2006); Best Lecture Award of the Faculty of Informatics, KIT (2016); Member of Think Tank of the President of the Helmholtz Association (Since 2017)

**Publications/Patents (5 most important)**

- **R.R. Appino, J. Á. G. Ordiano, R. Mikut, T. Faulwasser, V. Hagenmeyer**, On the use of probabilistic forecasts in scheduling of renewable energy sources coupled to storages, *Applied Energy* 210, 1207 (2018) [doi:10.1016/j.apenergy.2017.08.133](https://doi.org/10.1016/j.apenergy.2017.08.133)
- **G. Elbez, H. Keller, V. Hagenmeyer**, A New Classification of Attacks against the Cyber-Physical Security of Smart Grids, *ACM 13th International Conference on Availability, Reliability and Security*, (2018) [doi:10.1145/3230833.3234689](https://doi.org/10.1145/3230833.3234689)
- **T. Mühlfordt, T. Faulwasser, L. Roald, V. Hagenmeyer**, Solving optimal power flow with non-gaussian uncertainties via polynomial chaos expansion, *IEEE 56th Annual Conference on Decision and Control (CDC)*, (2017) [doi:10.1109/CDC.2017.8264321](https://doi.org/10.1109/CDC.2017.8264321)
- **V. Hagenmeyer** et al.: Information and communication technology in Energy Lab 2.0: Smart energies system simulation and control center with an open-street-map-based power flow simulation example. *Energy Technology*, 4 (1), 145 (2016) [doi:10.1002/ente.201500304](https://doi.org/10.1002/ente.201500304)
- **H. Maaß, H. Cakmak, F. Bach, R. Mikut, A. Harrabi**, et al., Data processing of high-rate low-voltage distribution grid recordings for smart grid monitoring and analysis, *EURASIP J. Adv. Signal Process.*, 14 (2015) [doi:10.1186/s13634-015-0203-4](https://doi.org/10.1186/s13634-015-0203-4)