

	<p><b>Current positions</b> Director of the Institute of Energy &amp; Climate Research IEK-10: Energy Systems Engineering, FZJ (since 2017) Full Professor (W3) and Director of the Institute of Institute for Energy Efficient Buildings and Indoor Climate at E.ON Energy Research Center, RWTH Aachen University, Germany (since 2007)</p> <p><b>Previous positions (two selected)</b> Full Professor (C4) and Director of the Hermann-Rietschel-Institute, Technical University of Berlin, Germany (2003-2007) Robert Bosch GmbH, Corporate Sector Research and Advance Engineering, Applied Physics and Flow Analysis, Germany (1999-2002)</p> <p><b>Scientific degrees</b> Dr.-Ing. (PhD) in Mechanical Engineering, RWTH Aachen University, Germany (1999) Diploma in Mechanical Engineering, RWTH Aachen University, Germany (1995)</p>
<b>Recent research topics</b>	Energy efficient buildings, advanced HVAC solutions, building automation, urban energy systems, district heating and cooling systems, occupant behavior and comfort
<b>Awards, honors, memberships</b>	Fellow, Federation of European HVAC Associations – REHVA (2014) Ring of Honor, The Association of German Engineers – VDI (2004) Young Researchers Award, Deutscher Kälte- und Klimatechnische Verein (2002)
<b>Publications (5 most important)</b>	
<ul style="list-style-type: none"><li>• J. Schiefelbein, J. Rudnick, et int., M. Fuchs, <b>D. Müller</b>, Automated urban energy system modeling and thermal building simulation based on OpenStreetMap data sets, <i>Build. Environ.</i> 149, 630 (2019) <a href="https://doi.org/10.1016/j.buildenv.2018.12.025">doi:10.1016/j.buildenv.2018.12.025</a></li><li>• P. Kohlhepp, H. Harb, et int., <b>D. Müller</b>, <b>V. Hagenmeyer</b>, Large-scale grid integration of residential thermal energy storages as demand-side flexibility resource: A review of international field studies, <i>Renew. Sust. Energ. Rev.</i> 101, 527 (2019) <a href="https://doi.org/10.1016/j.rser.2018.09.045">doi:10.1016/j.rser.2018.09.045</a></li><li>• M. G. Möhlenkamp, M. Schmidt, M. Wesseling, et int., <b>D. Müller</b>, Thermal comfort in environments with different vertical air temperature gradients, <i>Indoor Air</i> 29 (1), 101 (2019) <a href="https://doi.org/10.1111/ina.12512">doi:10.1111/ina.12512</a></li><li>• R. Sangi, <b>D. Müller</b>, A novel hybrid agent-based model predictive control for advanced building energy systems, <i>Energ. Convers. Manage.</i> 178, 415 (2018) <a href="https://doi.org/10.1016/j.enconman.2018.08.111">doi:10.1016/j.enconman.2018.08.111</a></li><li>• <b>D. Müller</b>, A. Monti, S. Stinner, et int., R. Streblow, Demand side management for city districts, <i>Build. Environ.</i> 91, 283 (2015) <a href="https://doi.org/10.1016/j.buildenv.2015.03.026">doi:10.1016/j.buildenv.2015.03.026</a></li></ul>	