

**Prof. Dr. Kathrin Valerius**  
**Institute for Astroparticle Physics**  
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Kathrin Valerius studied physics at Bonn University and obtained her doctorate at Westfälische Wilhelms-Universität Münster in 2009 working on the design of the KATRIN main spectrometer and on the development of calibration sources for the experiment. Subsequently, she changed fields from neutrinos to gamma rays and took on postdoctoral research at the Erlangen Centre for Astroparticle Physics and at APC, Paris, where she studied Galactic gamma-ray sources with the H.E.S.S. telescopes in Namibia. In 2014 Kathrin moved to KIT as leader of a Helmholtz Young Investigator Group to work on data analysis for KATRIN, and was appointed as a faculty member in 2020. With joining the XENON collaboration in 2019 the group is also broadening its research activities towards direct Dark Matter search.

