

Dr. Axel Lindner



**Scientific degrees:**

Dr. rer. nat., TH Dortmund (1992)  
Diploma in physics, TH Dortmund (1988)

**Previous positions:**

Head of DESY's Directorate's Office (2002-2018)  
Staff scientist, DESY (since 1999)  
Research associate, MPI Nuclear Physics (1998-99)  
Research associate, Hamburg University (1993-98)  
Research associate, TU Dortmund (1992-93)

**Current position:**

Group leader at the particle physics division at DESY (since 2018)

**Selected distinctions:**

Spokesperson of the ALPS II experiment (since 2012)  
Spokesperson of the ALPS I experiment (2007-2010)  
Associated Editor EPJC (since 2017)  
Member of the ISAC of CAPP, South Korea (since 2018)

**Research Topics**

Experimental particle physics, dark matter searches, detector development, astroparticle physics

**Publications/Patents**

(5 most important)

- MADMAX Collaboration, "A new experimental approach to probe QCD axion dark matter in the mass range above 40  $\mu\text{eV}$ ", EPJC 79, no. 3, 186 (2019)
- J. Dreyling-Eschweiler et al., "Characterization, 1064 nm photon signals and background events of a tungsten TES detector for the ALPS experiment", J.Mod.Opt. 62, no. 14, 1132 (2015)
- R. Bähre et al., "Any light particle search II —Technical Design Report", JINST 8, T09001 (2013).
- D. Horns et al., "Searching for WISPy Cold Dark Matter with a Dish Antenna", JCAP 1304, 016 (2013).
- ALPS Collaboration, "New ALPS Results on Hidden-Sector Lightweights", Phys.Lett. B 689, 149 (2010).