

PERSONAL INFORMATION

Walter Henry Fietz

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WORK EXPERIENCE

since 2009	Member of the Senate of Karlsruhe Institute of Technology
since 2007	Deputy Director of Institute for Technical Physics
since 2005	Lecturer at University of Karlsruhe
since 2004	Head of task force "Magnets" in the fusion program of Forschungszentrum Karlsruhe
since 2002	Head of fusion magnets and structural materials group and leader of TOSKA facility
1998 - 2009	Member of the Scientific-technical Council of Forschungszentrum Karlsruhe
1988 - 2002	Basic Research on HTS Materials at Forschungszentrum Karlsruhe, Germany

EDUCATION AND TRAINING

From 1983 to 1988	PhD at University Karlsruhe, Germany
From 1974 to 1983	Physics Diploma at Eberhard Karls University Tübingen, Germany

ADDITIONAL INFORMATION

Professional Interests	LTS and HTS superconductivity in basic research and application High voltage and high current applications of LTS and HTS superconductivity Material investigation at cryogenic temperatures Superconductivity in power applications
Projects	Design, construction and test of all current leads for JT-60SA Design, construction and test of all W7-X current leads Design, construction and test of ITER 68 kA prototype HTS current lead Participation in ITER TF Model Coil Testing
Memberships	Member of IEEE Council on Superconductivity and since 2015 IEEE senior member Member of Scientific and Technical Advisory Committee of EUROfusion since 2014 Member of the SOFT (Symposium on Fusion Technology) Intern. Organizing Committee since 2012
Publications and Patents	78 ISI publications with a H-index of 17 plus multiple non-ISI publications
Other Relevant Information	As head of task force "Magnets" in the fusion program of KIT I am involved and was involved in multiple tasks and contracts with EFDA, Eurofusion, ITER and F4E.