



Dr. Jitka Fuhr

Dr. Jitka Fuhr has worked as a senior consultant for the Swiss utility BKW FMB Energy Ltd. (since 2007) in the field of condition assessment of HV-components (generators, transformers and GIS). Since the beginning of 2012 she has also worked as an independent consultant in her own company AFEC GmbH.

She received her master degree in electrical engineering at Technical University Fridericana Karlsruhe (Germany) and her PhD at Technical University Darmstadt (Germany).

Jitka Fuhr started her carrier in HV-engineering as a R&D engineer in the power transformer division with BBC Mannheim (Germany, 1974-1980). From 1980-1985 she worked as a scientific co-worker at the Hahn-Meitner Institute Berlin (Germany), where she finished her PhD Thesis. From 1985-1988 she was a research associate at the Polytechnic University of New York (USA). Returning to Europe in 1988, Jitka started work in the ABB Corporate Research Centre Baden (Switzerland), where she was a leader of the project “PD-Diagnosis of Power equipment.”

In 1995 she joined ABB Sécheron Geneva (Switzerland) where she was responsible for development and application of advanced diagnostics methods (Fingerprints) for maintenance of power transformers. Since 2001 she has worked as an expert for the solution of PD-problems in ABB-Business Area Power Transformers. In this role she supports more than 20 ABB transformer factories worldwide.

She is a co-author of the ABB book “Testing of Power Transformers” and her experiences and interesting results in the field of diagnostic are documented in more than 50 papers presented at international conferences and different technical journals.

Jitka Fuhr is a Member of the IEEE, former Member of CIGRE Working Group „PD-measurement on Transformers“, and she is the convener of the CIGRE Working Group (WG D1.29) “Partial Discharges in power transformers”.