

## Biography

**Michael Krüger** is PRINCIPAL ENGINEER with OMICRON electronics GmbH in Klaus, Austria. He studied electrical engineering at the Technical University of Aachen (RWTH) and the University of Kaiserslautern (Germany) and graduated in 1976 (Dipl.-Ing.). In 1990 he received the Dr. (PHD) degree from the Technical University of Vienna. Michael Krüger has more than 35 years experience in high voltage engineering and insulation diagnosis on GIS, instrument transformers, cables, power transformers and rotating machines.

He has published many papers about electrical measurements on different assets and holds 15 patents. He is member of VDE, CIGRE and IEEE and works in several working groups of OEVE, IEC and CIGRE.



Member of the following CIGRE working groups:

- A2.26 "Mechanical Condition Assessment of Transformer Windings using Frequency Response Analysis" (FRA) - closed after publication of brochure 342
- A2.34 "Guide for Transformer Maintenance" - closed after publication of brochure 445
- A2.37 "Transformer Reliability Survey"
- A2.43 "Transformer Bushings Reliability"
- A2.45 "Transformer Failure Investigation and Post-Mortem Analysis"
- A2.49 "Condition Assessment of Power Transformer" (Health Index)
- D1.29 "Partial Discharges in Transformers"