CV

Experten Zentrum für Technik

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Florian founded the Expert Center for Technology / Experten Zentrum für Technik (EZT) by the end of 2021, together with former AZT colleagues (Allianz Center for Technology). EZT aims to tie in with the previous activities of AZT, which were stopped in Q4/2021, and offers a comparable service catalogue.

Florian entered the AZT in 2015 as a technical expert for electrical engineering and turbomachinery. His areas of expertise are damage investigations and risk consulting, especially on electrical equipment, electrical machines, wind turbines, and PV power plants. The conducted investigations consist of design reviews, operational data analyses as well as laboratory analyses.

Before specialising in damage investigations at AZT, he worked for 5 years at Allianz Versicherungs AG as a Claims Engineer for Engineering Insurance, especially for steam turbines, electrical equipment and wind turbines.

Prior to that role, Florian worked as a commissioning lead engineer for industrial steam turbines and air-cooled turbo generators for Siemens AG, and as a commissioning engineer for hydro generators and excitation systems for Voith Siemens Hydro GmbH.

He graduated in 2004 from the University of Applied Sciences of Cologne / TH Köln with a Diplom-Ingenieur (FH) of Electrical Engineering degree. In 2006, he finished an extra-study at TH Köln with a Master of Electrical Engineering degree.

Florian Preis

(Scientific) Publications / Articles

2021 „Model-based Risk Assessment on Wind Turbine Blade's Failure Caused by Composite Material's Dielectric Strength Breakdown During Lightning“, 35th International Conference on Lightning Protection (ICLP) and XVI International Symposium on Lightning Protection (SIPDA); IEEE Xplore® / 2021: https://ieeexplore.ieee.org/document/9627355

2020 „Torsional Vibration of Turbo Sets”, Trend Paper, AGCS/ AZT 2020

2006 „Bewertung des Schwachlichtverhaltens einzelner PV-Module durch Vergleich von Langzeitmessungen unter natürlichem Licht mit Messungen unter dem Sonnensimulator” TÜV Rheinland Group Poster, PV Symposium Bad Staffelstein, 2006