

## **List of key publications:**

### **Electrophysics of high voltages**

Partial Discharges Registration in Transformer Oil at the 'Point-Plane' Electrode System / A. Bychkov, S. Korobeynikov, A. Ovsyannikov / Applied Mechanics and Materials, Vol. 698 (2015) pp 615-620

Simulation of Apparent and True Charges of Partial Discharges// S. M. Korobeynikov, A. Ovsyannikov // IEEE Transactions on Dielectrics and Electrical Insulation.- 2017.-Vol. 24, No. 6; December, -C.3687-3693

Study of the solubility of gases in rapeseed oil as an insulating material / M.A. Anikeeva, S.M. Korobeinikov // High temperature. – 2016. – Vol. 54, No. 1. – p. 108-113.

Korobeynikov, S. M., Ushakov V. Y., Klimkin V. F., Lopatin V. V. Break-down of liquids under impulse voltage, Tomsk, NTL, 2005, 480 p.

Korobeynikov S. M. Electro-physical processes in gaseous, liquid and solid dielectrics. Processes in liquids, NSTU Publishing House, 116 p. illus., Novosibirsk, 2010.

Ilyshov N. I. Fire and Explosion Safety. Extinguishing agents. NSTU Publishing House, 124 p. illus., Novosibirsk, 2016

Parahin A. M., Ulushov N. Y. Work safety. 2016, training manual, NSTU Publishing House, 90 p.

S.M. Korobeynikov, V.F. Klimkin, V.Ya. Ushakov Impulse Breakdown of Liquids Springer Verlag Publ. Series:Power Systems. 2007, XXVI, 397p.,202 illus..

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