



MEDIA INFORMATION

Ilmsens announces new technology for analysing insulating materials

Ilmsens has developed an exciting new method for measuring the performance of insulating materials used in a variety of electrical systems.

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Ilmsens Managing Director Hans-Christian Fritsch (on the right in the picture) and Philipp Gelmroth at the EVS35 exhibition in Oslo.

The new measurement system enables the materials to be tested over a much wider range of frequencies instantly and at higher voltage than was previously possible. It can test basic material samples as part of a design process. This enables improved design of insulating materials with a focus on reducing cost and the weight of materials used in any new product. There are also improvements in the safety performance and longevity of future products that can be delivered by this technology.

Even more interesting than this, is that it can carry out condition monitoring in existing

systems. They expect this to have numerous applications in the preventative maintenance of large systems

They have recently started the patent application process to protect their technology. They are already in discussions with several industry sectors about specific applications.

Ilmsens GmbH is a high tech start up from Ilmenau Germany. With unique measurement & sensor technology they provide innovative products to a broad range of different companies and markets. The sensors are mainly used in liquid analysis and short-range sensing. The company was founded in 2016 as a spinoff of the Technical University of Ilmenau

Ansprechpartnerin/Kontakt:

Anna Schwenzfeger | +493677 76130-31 | anna.schwenzfeger@ilmsens.com

Website:

<https://www.ilmsens.com/impedance-spectroscopy/hv-vna/>