

### THEVA AT INTERNATIONAL CONFERENCES

#### Superconductors pick up speed - Asia catching up

**Ismaning, 7 September 2018 – Whether for transmitting DC current, high tension lines, or generators that deliver almost 40 percent more power at almost half the size (like the generator in the EcoSwing project), superconductors are being tested in more and more applications. As the only series manufacturer of superconductors in Germany, THEVA supplies the coated conductors for all this, and representatives of the company are in demand as speakers at conferences and trade fairs. Interest is growing in Asia.**

THEVA executives are traveling the world in the second half of 2018. In August CEO Dr. Werner Prusseit spoke at two conferences in China, in Shanghai and Beijing. His subject was “The Latest Progress in THEVA’s HTS Wire Fabrication and Applications.” With its electricity consumption growing nine percent annually, China faces great challenges in its grid infrastructure. Interest in innovative superconductor solutions is correspondingly great, especially in megacities like Shanghai. New cables using superconductors are planned in Korea as well.

From 10 to 13 September the “Coated Conductors for Applications” (CCA) conference will take place in Vienna, with THEVA as one of the sponsors. Dr. Markus Bauer, Vice President Business Development, will speak there on “Recent progress of HTS wire production at THEVA.” Shortly thereafter, from 26 to 28 September “Materials Science and Engineering” will be held in Darmstadt. With over 1500 attendees, MSE is one of the largest English-language superconductor conferences in Europe. THEVA will be there with a presentation on “Properties and improvements of commercial HTS wires using e-beam PVD process.”

In late October comes the “Applied Superconductivity Conference”, conference and exhibition in Seattle, Washington. At the exhibition, THEVA will welcome visitors at booth 23. At the conference, Dr. Markus Bauer will speak on “Recent improvements of HTS wires produced by e-beam PVD with a pilot production line.”

As a manufacturer of superconductors THEVA offers an entire portfolio of products, such as copper laminated or surround plated, that are optimized for applications in different industries. These applications vary widely, from power cables to power rails to generators and magnets.

According to Dr. Werner Prusseit, “their ability to conduct 200 times as much electricity as copper for the same cross-section speaks for itself. Many projects are planned for the long term, but we expect a breakthrough in the use of superconductors in the next few years.”

## Links to the conferences:

<http://m2s2018.medmeeting.org/Content/35787>

<http://www.shhts2018.com/>

<https://cca2018.org/>

<https://www.mse-congress.de/congress/about/>

<http://ascinc.org/>

## About THEVA Dünnschichttechnik GmbH:

With 20 years' experience in coating technology and equipment engineering, and patented production technology, THEVA manufactures high-temperature superconductors (HTS) for the loss-free transmission of extremely high electric current. Today the company stands for a unique approach in superconductor production.

THEVA has invested over fifteen years in development to build Germany's first commercial HTS production plant. Thanks to its very high energy density, THEVA Pro-Line superconductor can replace conventional copper cable in high-performance applications. It opens entirely new scope for the design of electrical components. Manufacturers of cables, power switches, large electric drives and power rails can rely on the high quality and performance of the material. THEVA stands for high-end solutions in coating technology and equipment engineering.

THEVA Dünnschichttechnik GmbH was founded in 1996 and today has around 60 employees. Headquartered in Germany and with representatives in Asia, the USA and Russia, the company has a global presence for its customers.

In 2012, with Target Partners and BayBG two powerful VC partners came on board. Since 2016 eCapital and Bayern Kapital have also been supporting the growth of the company. As of the third financing round in 2017 EnBW New Ventures is also among the investors.

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