

THE TIME IS RIGHT FOR SUPERCONDUCTORS

THEVA shows how far it has come at the Hannover Fair

Ismaning, 16 May 2017 – Booth space at the Hannover Fair 2017 from 24 to 28 April was booked down to the last square meter. Among the exhibitors was THEVA Dünnschichttechnik from Ismaning near Munich, the only series manufacturer of superconductors in Germany. By doing so, THEVA is bringing this future technology a big step closer to widespread use, and booth visitors were impressed by how far the company has come.

“An estimated 80 percent of visitors to our booth were not aware of the progress superconductor technology has made. The fact that THEVA is already producing superconductors in series was especially surprising for many,” said THEVA CEO Dr Werner Prusseit.

Interest in superconductors is noticeably higher than in previous years, from science and the public sector as well as users. The most prominent visitor to THEVA’s booth in the ivSupra pavilion was Dr Herlind Gundelach, Bundestag representative and member of the Committee on Economic Affairs and Energy. Dirk Wiese, Parliamentary State Secretary at the Federal Ministry for Economic Affairs and Energy, also took an interest in this forward-looking technology.

Dr Prusseit updated Nobel laureate Dr Georg Bednorz on advances in production. Dr Bednorz won the Nobel prize in 1987 for the discovery of high-temperature superconductivity in ceramic substances, and was made an honorary member of ivSupra at the Hannover Fair.

Interest from users was very promising. Representatives of the energy, automation, and transportation and propulsion technology industries held informative technical discussions with the THEVA team. Prusseit was particularly gratified by the many young visitors to the booth. “Professors with students, and entire school classes, came by. If everything goes well, these people will be supplied by electricity via superconductors for most of their lives. We’re working on it,” said Prusseit with a smile.

About THEVA

With 20 years' experience in coating technology and equipment engineering, THEVA produces high-temperature superconductors (HTS) for loss-free transmission of extremely high electric current, with a unique approach to superconductor manufacture.

The company 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 wire can replace conventional copper conductors in high-performance applications, and opens up new perspective for the design of electrical components. Manufacturers of cables, power switches, large electric drives and power rails can rely on the high quality standard and performance of the material. In parallel, THEVA develops high-end solutions in coating technology and equipment engineering.

THEVA Dünnschichttechnik GmbH was founded in 1996 and today has around 50 employees. Headquartered in Germany, and with contacts in Asia, the USA and Russia, the company has a global presence for its customers.

In 2012, with Target Partners and the Bayerische Beteiligungsgesellschaft two powerful VC partners came on board. As of 2016 eCAPITAL and Bayern Kapital are additionally supporting the growth of the company.

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