

8th Braunschweig Superconductivity Seminar

July 31, 2015 (HE104). The biannual Braunschweig Seminar on applications of superconductivity, particularly in electric power systems (see [A309](#), [A279U](#)), took place on the 16th and 17th of June 2015 in Braunschweig. It was the 8th of its kind, held as usual in the quiet, but close to the Technische Universität (TU) Braunschweig, former northern railway station of Braunschweig, which is now the house of cultures (Haus der Kulturen). It was organized by the Institute of High Voltage Technology and Electrical Power Systems (elenia) as well as the Institute of Surface Technology (IOT) of the TU Braunschweig with support of VDE, BS NETZ and iv Supra.

As is tradition with the seminar, it offers researchers and companies the chance to present their state-of-the-art findings, progress or products, as well as room for discussions and exchange of ideas.

This time, around 45 guests, mostly from Germany but also from Russia and Austria, took part in the seminar. Thirteen presentations offered information of current applications of superconductor technology. These presentations covered a wide range of topics, for example:

- Overview of the worldwide application of superconductors and production capacities
- Applications (Large Scale and measurement devices)
- Insulation and cooling technology
- Physics (contacts of normal and superconductors, thermal behavior under quench, ...)
- Prediction of future prospects

The program of the Seminar greatly benefited from the high diversity and information content of presentations and offered many topics for discussion, which were greatly appreciated by participants and organizers. The latter would like to thank all participants and supporters of the Seminar and invite all interested to next event in the series (9th), to be held in 2017.



Group photo of participants