The 22nd International Symposium on Electrochemical Machining Technology brought together international guests from science and industry at Otto von Guericke University Magdeburg on November 11 and 12, 2026.

On November 11 and 12, 2026, the 22nd International Symposium on Electrochemical Machining Technology took place at OVGU. The host was the Chair of Manufacturing Technology with Focus Machining. A total of 54 representatives from 8 countries participated to exchange and jointly discuss current research results and technological developments in the field of electrochemical machining.

The scientific program of the symposium included 24 presentations. In addition to electrochemical fundamentals and material-specific dissolution, the focus was especially on the further development of electrochemical removal technologies such as precision machining, machining with free jet or plasma electrolytic polishing. A thematic focus was the keynote contribution by Dr. Michael Schneider, head of the Electrochemistry group at Fraunhofer IKTS in Dresden, titled "ECM of Cemented Carbides – 100 Years: From the Beginning to the Solution," which provided a review of the development and challenges of electrochemical machining of cemented carbides.

The symposium's supporting program included a guided tour of the OVGU's experimental field. Participants gained diverse insights into current research topics and were able to learn about selected technologies.

The symposium's contributions were published in an open-access conference proceedings with DOI 10.25673/125795.

Further information about the symposium can be found here: https://www.insect-symposium.de

Photo: Jana Dünnhaupt

