

## Eurosenors XXXVI in Wrocław, Poland

### Department of Functional Materials again present at the annual Eurosenors conference

Several hundred scientists, mainly from Europe, attend Eurosenors every year. The conference focuses on sensors, actuators, micro- and nanosystems, and new technologies. Our department participates in this event every year. This year the conference was held from Sep. 7 – Sep. 10 at the prestigious Technical University of Wrocław in Poland.



In 2025, Prof. Ralf Moos presented a study on real exhaust gas tests of two ammonia gas sensor principles – a mixed potential sensor and a capacitive zeolite-based sensor. Both sensors show very promising results, even in real exhaust gas and even after being deliberately poisoned. This does not concern only the sensitivity and the selectivity, but also the long-term stability.

The results are based on a study that was the key part of the bachelor thesis of Ms. Rosa Ehlert.

Rosa Ehlert

