

## International Meeting on Chemical Sensors in Freiburg, Germany

### Department of Functional Materials gave three invited talks, one talk, and one poster presentation – all dedicated to gas sensors

The International Meeting on Chemical Sensors (IMCS) is the world's largest interdisciplinary forum for all aspects of Chemical Sensors. Under the guidance of Prof. Dr. J. Wöllenstein, this premier event brought together participants from around the globe to explore the latest advancements in the field of chemical sensing. The IMCS 2025 was held in Freiburg from June 22-26, 2025. The department of Functional Materials contributed with three invited talks (one of which was dedicated to the late Prof. Ulrich Guth) and one additional poster contribution, all focusing on different aspects of gas sensors.

D. Schönauer-Kamin, R. Moos: *Dosimeter-type gas sensors - an overview on dosimeter concepts, materials, and applications*

G. Hagen: *High-Temperature Gas Sensors for Biomass Applications*

G. Hagen, J. Kita, R. Moos: *On the mechanism of a novel highly selective potentiometric zeolite-based hydrogen sensor for harsh environments*

R. Moos, J. Zosel: *Development of solid electrolyte based mixed potential gas sensors in the past 40 years - a journey accompanied by Ulrich Guth*

T. Wöhr, G. Hagen, D. Schönauer-Kamin, R. Moos: *Ion-exchanged zeolites for capacitive gas sensing*



Impressions: Ralf Moos, Daniela Schönauer-Kamin, Thomas Wöhr, and Gunter Hagen at the IMCS



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