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SE²A Sustainable and
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Cluster of Excellence



Physikalisch-Technische Bundesanstalt
Braunschweig und Berlin

Burning for Science

A Woman in a Technical Field



(Credit: Norma Langgärt, Uni Bielefeld)

Prof. Dr. Katharina Kohse-Höinghaus

March 13th, 2025 | 4:00 p.m.

*Schleinitzstraße 19, Room SN 19.2
Braunschweig*

Free Entry - No Registration Needed



Women in Metrology and
Energy Research - WIMER



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Burning for Science

The seminar takes place in honor of International Women's Day (March 8). Katharina Kohse-Höinghaus, a female pioneer in the field of combustion, will present selected examples from recent combustion chemistry research and offer some reflections on important elements and prerequisites for an academic career. She will share selected insights into her own journey from student to professor, mother, educator and mentor, soliciting questions from the audience. In this context, looking back on around 50 years of active engagement in science, she will also quote a few passages from her book *Burning for Science – A Woman in a Technical Field*, which was recently published under the auspices of the German Chemical Society in the series *Lives in Chemistry* (I-I-C.org).

Katharina Kohse-Höinghaus is a Senior Professor of Physical Chemistry at Bielefeld University, Germany, with a profile combining chemistry, physics, and engineering to study high-temperature processes. Research periods, guest and honorary professorships brought her to institutions in Europe, USA and Asia. She was honored with prestigious awards and lectureships, including the German Cross of the Order of Merit, the Giulio Natta Medal in Chemical Engineering, the Walther Nernst Medal in Physical Chemistry, and the Alfred Egerton Gold Medal for Combustion Science. She is a Fellow of several societies and received awards for international scientific cooperation by the Chinese Academy of Sciences (CAS) and the People's Republic of China. She is a member of six academies, including the German National Academies of Sciences and Engineering, the European Academy of Sciences, and CAS as a Foreign Member. She was President of the Bunsen Society and of the Combustion Institute. Also, she served in numerous academic functions, including the German Council of Sciences and the Humanities, the International Advisory Board of the Humboldt Foundation, and the Senates of the German Research Foundation and the Helmholtz Association. She is also a pioneer of hands-on science activities for schools.

Contact

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