

Looking Back at NanoCarbon Annual Conference 2024: Driving Sustainable Solutions

The NanoCarbon Annual Conference 2024 united global experts to emphasize nanocarbon's role in sustainability, fostering collaboration and innovation for future success

The 9th NanoCarbon Annual Conference, held in Würzburg, Germany from March 19th to 20th, 2024, marked a milestone in advancing the discourse on nanocarbon materials and their role in fostering sustainability. Organized by Nanoinitiative Bayern GmbH / Cluster Nanotechnology, this year's conference served as a nexus for experts, researchers, and industry leaders from around the globe to converge, exchange ideas, and propel the frontiers of nanocarbon toward sustainable solutions.

The conference showcased a rich tapestry of international collaboration, with representatives from Japan, Belgium, France, Switzerland, Finland, the UK, Austria, Portugal, Luxembourg, Turkey, and Germany congregating to share cutting-edge research and innovations in nanocarbon materials. Through **19 oral presentations, 8 posters**, and engaging short pitches, attendees delved into diverse themes ranging from the risk management of carbon nanotubes to recycling and practical applications of graphene and other nanocarbons in various industries.

A highlight of the event was the exhibition of demonstrators and products by **11** institutions and industrial partners, sparking stimulating discussions and forging valuable connections among participants. The dynamic program featured 7 sessions covering key topics such as regulation and sustainability, processing and commercialization, thermoelectric materials, energy storage and transformation, analytics, and degradation of carbon nanotubes.

Dr.-Ing. Peter Grambow, the cluster manager, emphasized the role of nanocarbon in driving sustainable change across industries. He noted, "At the NanoCarbon Annual Conference, we came together to spark ideas in many different fields and light the way towards a greener future with nanocarbons. We extend our heartfelt gratitude to all participants, for their invaluable contributions to the success of the event and for engaging in fruitful discussions, particularly on the pressing topic of recycling, which emerged as a central theme."

In addition to the academic and industry discourse, the conference also celebrated the achievements of researchers through a traditional poster exhibition. The University of Stuttgart, Institute of Organic Chemistry (first place), and FILK Freiberg Institute gGmbH (second place) were honored with the poster awards for their outstanding contributions.

Looking ahead, the NanoCarbon community eagerly anticipates **the next Annual Conference scheduled for March 18-19, 2025**, in Würzburg. As we continue to navigate the frontier of nanocarbon materials, these gatherings serve as vital platforms for collaboration, innovation, and advancing sustainable solutions for a better future. Join us in Würzburg next year and be a part of this transformative journey.

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