



Einladung

zu dem am Donnerstag, dem 11. Mai 2023, ab 14 Uhr
im Kurt-Alder-Hörsaal
Chemische Institute, Greinstraße 6

stattfindenden öffentlichen

wissenschaftlichen Vortrag zur Habilitation

I. Physikalisches Institut (Fach: Experimentalphysik)

von

Dr. Florian Peißker

über das Thema

Mobility of the future – Challenges and Opportunities

The destabilization of the climate by the greenhouse effect is one of the greatest challenges of our future. Infrared active gaseous species, including CO₂, are responsible for this effect. Hence, reducing the carbon footprint remains the primary goal to address this challenge. While there are various sectors that produce CO₂, industry and production of goods are paired with transportation. A large part of the transportation is related to private cars. Therefore, the easiest way to achieve our necessary climate goals is to tackle the mobility sector. In my presentation, I will talk about the opportunities associated with the available spectrum of vehicle propulsion systems. I will also outline some of the more controversial aspects that need to be considered in relation to these systems.

G. Bareth
Dekan