Karlsruher Institut für Technologie

KIT-Fakultät für Physik

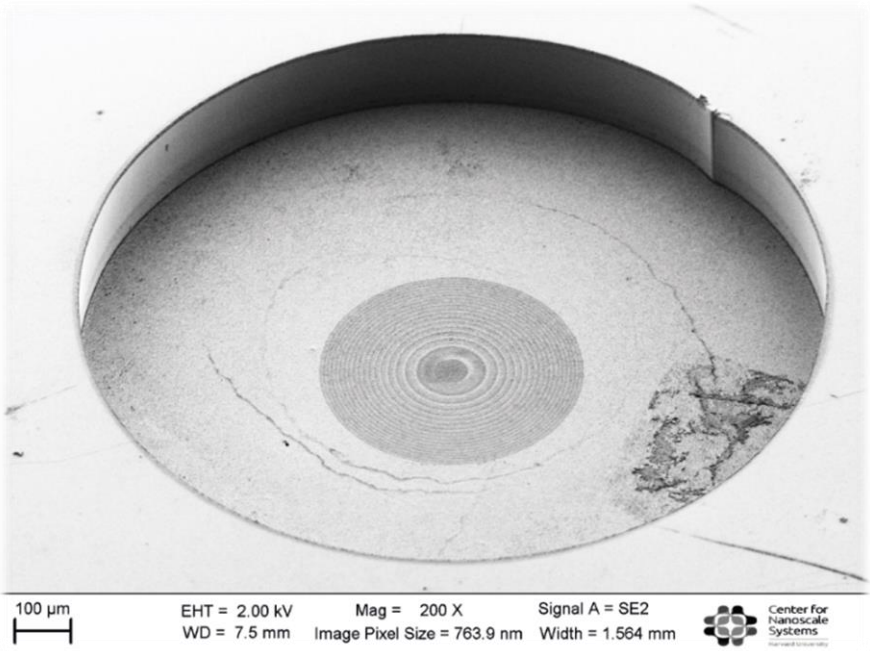
Einladung zum Physikalischen Kolloquium

10.07.2026 Maryna Meretska, Karlsruher Institut für Technologie

»Optical metasurfaces - novel advanced optical elements«

Einführung: M.Wegener

Abstract: The field of optics has undergone significant transformations over the centuries, with lenses remaining among the most essential components of optical systems. Traditional lenses, which function by refracting light through curved glass or polymer materials. In recent years, advancements in electromagnetic simulations and nanotechnology have facilitated the creation of a new type of optical component—metalenses. In this presentation, we will delve into the details of creating and utilising these innovative optical components.



Der Vortrag findet **am Freitag, den 10. Juli 2026 um 15:45 Uhr im Otto-Lehmann-Hörsaal**, Physik-Flachbau (Geb. 30.22), KIT-Campus Süd statt.

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