Zernike Colloquium

October 6th, 2022
16:00h
5161.0253

Time- and Angle-Resolved Photoemission Spectroscopy on 2D Materials

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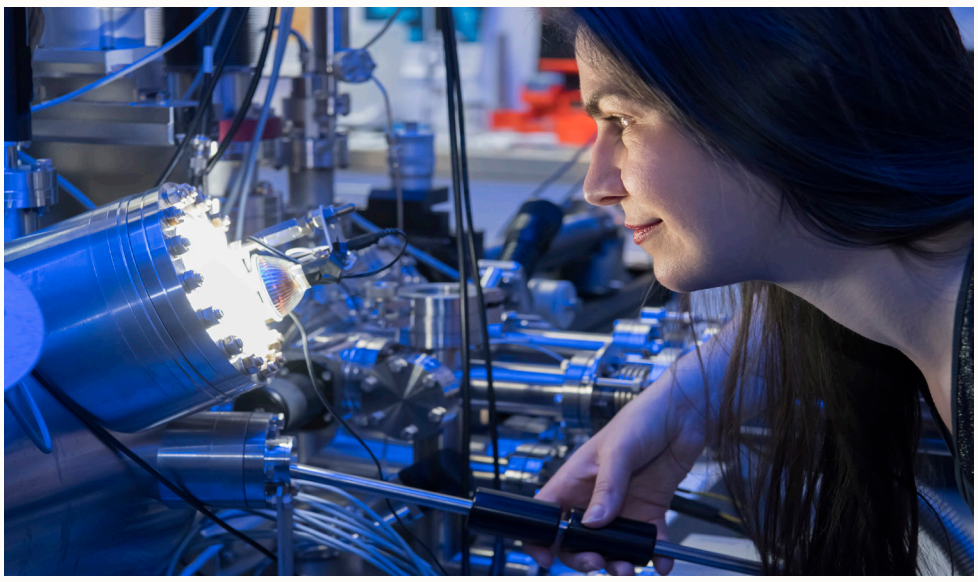
The physics of solids, including two-dimensional (2D) materials, is determined by their electronic band structure. Investigation of the electronic band structure is of great importance for understanding, tailoring and discovering new states of matter. In the case of 2D materials, such as graphene and single layer transition metal dichalcogenides, the determination and control of the electronic structure is crucial, as the electronic structure of 2D materials is highly sensitive to the surrounding environment.



In this colloquium, I will show how we can measure the electronic structure of 2D materials, how it changes as a function of the surroundings the material is placed in, and possible ways to control it.

Coffee from 15:30h
Drinks & Snacks after

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