

Theoriekolloquium

Am **16. Dezember 2021 um 14.15 Uhr** hält

Herr Prof. Dr. Antonio Picon

einen Vortrag mit dem Titel

Resolving electron dynamics in graphene with x-ray spectroscopy

Resolving the real-time motion of electrons in complex systems is a key to enhancing the functionality and understanding the underlying mechanism of modern materials. Future studies using ultrafast capabilities with attosecond x-ray pulses brings closer the possibility of following electron dynamics combined with site specificity. Here we will show our first calculations in which we are able to resolve the electron dynamics around the Dirac points of graphene by using x-ray attosecond transient absorption spectroscopy.

Die Veranstaltung findet ausschließlich online statt. Für die Teilnahme steht folgender Raum zur Verfügung:

<https://meeting.uol.de/b/and-etc-jmj-1y9>

Interessierte sind herzlich eingeladen.

gez. Prof. Dr. Caterina Cocchi