



TRR 80 Sonderseminar

Am Dienstag, den 5. April um 14:00 Uhr

spricht

Dr. Jurgen Smet

Max Planck Institute for Solid State Research, Stuttgart

über das Thema

Marvellous Prospects for Graphene

Two-dimensional electron systems have traditionally served as a wonderful playground to study the many unusual ways in which electrons can organize themselves as a result of interactions among their orbital and spin degrees of freedom. The successful isolation of graphene, a one atom thick sheet of carbon atoms arranged in a honeycomb pattern, has greatly expanded the horizon of flatland. After an introduction of the basic properties, various methods to prepare graphene will be addressed. We will highlight the unique opportunities it offers for transport studies. An emphasis is placed on things to come rather than existing work.

Gäste sind herzlich willkommen!

Der Vortrag findet im Seminarraum 288/Physik-Süd, Universität Augsburg statt.

Gastgeber: Prof. Dr. Jochen Mannhart

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