



Festkörper-Kolloquium und Sonderseminar TRR 80

am Donnerstag, 15.05.2014

um 17:15 Uhr

spricht

Prof. Ronny Thomale

Universität Würzburg

im HS 3 im Physik-Department

über das Thema

The Quest of the Kagome Hubbard Model

Since its discovery in the second half of the 20th century, the lattice of corner-sharing triangles called kagome has become one of the paradigmatic models for exotic quantum electronic states of matter. The Hubbard model on the kagome lattice exhibits many fascinating phases subject of contemporary condensed matter physics, ranging from topological spin liquids over correlated Dirac metals and unconventional superconductivity to spin-type and charge-type Peierls phases. I will discuss recent fundamental progress in theory and experiment to understand and endeavor these scenarios of correlated electron systems on the kagome lattice.

ab 17:00 Uhr Kaffee vor dem Hörsaal

Einführung: C. Pfeleiderer