



TRR 80 Sonderseminar

Am Montag, den 12. Januar um 15:45 Uhr

spricht

Prof. Dr. Raymond Frésard

Laboratoire CRISMAT, Caen, France

über das Thema

***Intertwined orders in the
two-dimensional Hubbard model***

The quantum phase diagram of the two-dimensional Hubbard model is investigated through the mixing of unrestricted Hartree-Fock and BCS wave-functions with symmetry restoration before variation. The spin, charge, and superconducting orders entailed in such correlated states will be discussed as well as their dependence on hole doping and on-site Coulomb repulsion. The approach will be tested against existing exact results or numerical simulations.

Gäste sind herzlich willkommen.

Der Vortrag findet im Seminarraum S-288 / Institut für Physik, Universität Augsburg statt.

Gastgeber: Prof. Dr. Thilo Kopp
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