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EINLADUNG zum IFP-SEMINAR

Thema: **Charge ordering and superconductivity in an extended Hubbard model**

Vortragende: **Natalia Lera**
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Host: Karsten Held

Termin: **Montag, 28 Juli 2014, 11 Uhr**

Ort: Institut für Festkörperphysik, TU Wien
Wiedner Hauptstraße 8-10, 1040 Wien
Seminarraum 138C, 9. OG (gelbe Leitfarbe)

Förderer: ERC-StG-306447 AbinitioDGA

We investigate superconductivity in a two-orbital Hubbard model on a quasi-one dimensional system at quarter filling by Random Phase Approximation (RPA). In the present model, we study the induced charge ordering due to Coulomb repulsion as possible pairing mechanism. We also include spin fluctuations in both singlet and triplet channels.



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