

Workshop "Fluctuating Charge Order in HTSC"

May 27 – 28, 2004

Thursday 13:00 – 17:00

Friday 9:00 – 13:00

Walther-Meissner-Institut

Walther-Meissner-Str. 8

D-85748 Garching

Program

Thursday

13:00 – 13:05	Opening	R. Hackl
13:05 – 13:10	Address of the director of the WMI	R. Gross
13:10 – 13:30	Is charge inhomogeneity still a key to HTSC?	C. Di Castro
13:40 – 14:00	Electron-phonon and electron-spin fluctuation coupling in high- T_c (Hubbard) models	W. Hanke
14:10 – 14:30	Pomeranchuk instability and a new route to non-Fermi liquid behavior	W. Metzner
14:40 – 15:20	Coffee break	
15:20 – 15:40	Doping dependence of pseudogap and superconductivity in electron-doped HTSC – a tunneling study	B. Welter
15:50 – 16:10	Cooper-pair phase fluctuations and competing orders in high- T_c cuprates	D. Manske
16:20 – 16:40	Competition of d-CDW and superconductivity in the t-J model and (possibly) high- T_c superconductors	R. Zeyher
19:30	Paulaner Bräuhaus	

Friday

9:00 – 9:20	Role of electron spin fluctuations in nodal quasiparticle scattering rate as seen by ARPES	A. Kordyuk
9:30 – 9:50	Transport properties in cuprates: the role of charge and spin inhomogeneities	L. Benfatto
10:00 – 10:20	Anomalous Isotopic Effect Near the Charge-Ordering Quantum Criticality	S. Andergassen
10:30 – 11:10	Coffee break	
11:10 – 11:30	ESR search for stripes in Ca doped YBCO	A. Jánossy
11:40 – 12:10	Critical behavior of stripe fluctuations in HTSC	L. Tassini