Workshop "Fluctuating Charge Order in HTSC" May 27 - 28,2004

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 13:05 – 13:10	Opening Address of the director of the WMI	R. Hackl 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	W. Hanke
13.40 - 14.00	high- T_c (Hubbard) models	W. Halike
14:10 – 14:30	Pomeranchuk instability and a new route to non-Fermi	W. Metzner
14.10 14.50	liquid behavior	W. Wictziici
14:40 - 15:20	Coffee break	
15:20 – 15:40	Doping dependence of pseudogap and superconductivity	B. Welter
10.20	in electron-doped HTSC – a tunneling study	21 11 0101
15:50 – 16:10	Cooper-pair phase fluctuations and competing orders in	D. Manske
	high-T _c cuprates	
16:20 - 16:40	Competition of d-CDW and superconductivity in the t-J	R. Zeyher
	model and (possibly) high-T _c superconductors	•
19:30	Paulaner Bräuhaus	
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Friday	Tautanet Braunaus	
Friday		
	Role of electron spin fluctuations in nodal quasiparticle	A. Kordyuk
Friday 9:00 – 9:20	Role of electron spin fluctuations in nodal quasiparticle scattering rate as seen by ARPES	Ž
Friday	Role of electron spin fluctuations in nodal quasiparticle scattering rate as seen by ARPES Transport properties in cuprates: the role of charge and	A. Kordyuk L. Benfatto
Friday 9:00 – 9:20 9:30 – 9:50	Role of electron spin fluctuations in nodal quasiparticle scattering rate as seen by ARPES Transport properties in cuprates: the role of charge and spin inhomogeneities	L. Benfatto
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