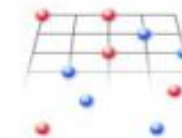


Meeting of the SFB/TRR49 in Schmittgen, November 23-25, 2007

Programme



Friday, November 23, 2007

Students Workshop

before 11:30	<i>Arrival</i>	
12:00 - 13:00	<i>Lunch + Welcome</i>	
13:00 - 14:30	M.-R. Valenti (B2)	Ab initio theory
14:30 - 14:50	<i>Coffee-break</i>	
14:50 - 16:20	M. Bortz (B3)	Many-particle physics
16:20 - 16:50	<i>Coffee-break</i>	
16:50 - 18:20	P. Kopietz (A8)	BEC
18:30 - 19:30	<i>Dinner</i>	

Saturday, November 24, 2007

Students Workshop

8:00 - 9:00	<i>Breakfast</i>	
9:00 - 10:30	G. Schönhense (B8)	Photoemission
10:30 - 11:00	<i>Coffee-Break</i>	
11:00 - 12:30	M. Huth (B9)	Charge-transfer salts

Arrival Seniors

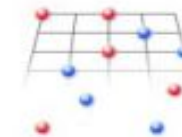
12:30 - 13:30	<i>Lunch</i>	
13:30 - 14:00	M. Lang (B1, B6)	Concept and Structure of the SFB/TRR49

Cold Gases

14:00 - 14:25 (15+10)	M. Fleischhauer (A5)	Overview cold gases (theory)
14:25 - 14:50 (15+10)	I. Bloch (A1, A2)	Overview cold gases (experiment)
14:50 - 15:05 (10+5)	Michiel Snoek (A3)	Strong correlations in ultracold gases
15:05 - 15:20 (10+5)	S. Kuhr (A2)	Spatially addressable quantum gases in optical lattices
15:20 - 15:35 (10+5)	N. Blümer (A6)	Flavour-selective Mott transitions of ultracold quantum gases on optical lattices
15:35 - 16:00	<i>Coffee-break</i>	

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Programme



Saturday, November 24, 2007

Magnets

16:00 - 16:25 (15+10)	M. Bortz (B3)	Overview magnetic systems
16:25 - 16:40 (10+5)	O. Serha (A7)	Parametrically stimulated recovery of microwave signals stored in discrete modes of a magnon gas
16:40 - 16:55 (10+5)	P. Kopietz (A8)	Interacting Magnon Gases
16:55 - 17:10 (10+5)	B. Wolf (B1)	Field-induced phenomena in low-d quantum spin systems
17:10 - 17:25 (10+5)	H. O. Jeschke (B2)	Electronic structure of quantum spin systems
17:25 - 17:40 (10+5)	F. Ritter (B4)	Optical heating for zone methods
17:40 - 17:55 (10+5)	Wagner/Holthausen/Baumgarten (B5)	Rational Design ...
17:55 - 18:30	Poster Flash Presentations	
18:30 - 19:00	Vollversammlung der TP-Leiter	
19:00 - 20:00	<i>Dinner</i>	
after 20:00	Poster session	

Sunday, November 25, 2007

8:00 - 9:00

Breakfast

Charge-transfer salts

9:00 - 9:25 (15+10)	M. Lang (B6)	Overview charge-transfer salts (exp.)
9:25 - 9:50 (15+10)	M.-R. Valenti (B2)	Overview charge-transfer salts (theor.)
9:50 - 10:05 (10+5)	M. Aeschlimann (B8)	Overview photoemission in charge-transfer salts
10:05 - 10:20 (10+5)	C. Gros (B7)	RVB-Gutzwiller theory
10:20 - 10:50 (10+5)	<i>Coffee-break</i>	
10:50 - 11:05 (10+5)	C. Felser (B10)	Correlations in open shell 2p-compounds
11:30 - 12:30	<i>Lunch</i>	

Departure