

# Novel approaches to pairing and condensation



## Miniworkshop 2.- 4.10.2009

(Seminar-room 3, MPI *Physics of Complex Systems*, Nöthnitzer Str. 38, 01187 Dresden)

- 2.10. Arrival at Hotel “[InterCityHotel](#)” and 19.00 Dinner at [Freiberger Schankhaus](#)
- 3.10. Breakfast in Hotel

### 3.10. Workshop program at [MPIPKS](#)

- 9.00 Pavel Lipavský (Prague): Theory of superconductivity based on T-matrix approximation
- 9.30 Michael Männel (Chemnitz): Condensation phenomena in an interacting Bose gas, Bose condensation for attractive interaction?
- 10.00 Coffee break
- 10.30 Thomas Herrmannsdörfer (Dresden): Superconductivity of Ge
- 11.00 Bretislav Sopik (Prague): Superconductivity in B-doped diamond
- 11.30 Lunch at institute
- 12.30 Ernst H. Brandt (Stuttgart): Statics and dynamics of the vortex lattice in high-T<sub>c</sub> superconductors
- 13.00 Jan Kolaček (Prague): Surface superconductivity with electric field bias
- 13.30 Klaus Morawetz (Münster): Equivalence of corrected T-matrix to anomalous propagator approach
- 13.45 Coffee break

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- 3.10., 15.00 Walk through vineyards in [Wachwitz](#)
  - 3.10., 19.00 Dinner at “[Elbterrasse Wachwitz](#)”
  - 4.10. Breakfast in Hotel
  - 4.10., 10.00 Excursion to [Saxonian Mountains](#) and return by [paddle steamer](#)



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