



MAX-PLANCK-GESELLSCHAFT

International Workshop on  
**Nonequilibrium Nanostructures**

December 01 - 06, 2008

*Scientific coordination:*

**Manfred Helm**  
 Forschungszentrum  
 Dresden-Rossendorf  
 Germany

**Pavel Lipavský**  
 Charles University  
 and Academy of Science  
 Prague, Czech Republic

**Klaus Morawetz**  
 Forschungszentrum  
 Dresden-Rossendorf, Germany  
 and ICCMP Brasília, Brazil

*Organisation:*

**Claudia Pönisch**, MPI für Physik komplexer Systeme, Dresden, Germany

The interdisciplinary workshop provides the possibility for presenting and exchanging progress in the description of nonequilibrium phenomena in finite systems. Experiments on very short time scales are characterized by transient phenomena like the formation of correlations and quasiparticle excitations far from equilibrium. Conventionally applied theoretical techniques have to be critically reviewed, and new theoretical concepts have to be discussed. The development of reliable methods is of great importance for designing and fabricating today's nanostructures. The workshop wants to contribute to the understanding of correlations in optical and transport phenomena in small systems by bringing together theorists and experimentalists from different areas. The workshop is supported by DFG, SMWK, ICCMP and FZD.

*Invited speakers include:*

M. Axt (Bayreuth)  
 H. U. Baranger (Duke)  
 B. Beschoten (Aachen)  
 M. Betz (München)  
 R. Bratschitsch (Konstanz)  
 T. Chakraborty (Manitoba)  
 D. Citrin (Atlanta)  
 N. DelFatti (Lyon)  
 F. M. DeSouza (Brasilia)  
 T. Elsässer (Berlin)  
 L. Eng (Dresden)  
 P. Fulde (Dresden/Pohang)  
 D. Grundler (Hamburg)  
 P. Hänggi (Augsburg)  
 N. Hasselmann (Brasilia)  
 H. Haug (Frankfurt)  
 M. Hentschel (Dresden)

R. Huber (Konstanz)  
 A. P. Jauho (Copenhagen)  
 R. Kaindl (Berkeley)  
 A. Kalvova (Prague)  
 I. Knezevic (Wisconsin)  
 S. Koch (Marburg)  
 S. H. Koehler (Tucson)  
 J. König (Duisburg/Essen)  
 J. Koláček (Prague)  
 T. Kuhn (Münster)  
 N. H. Kwong (Tucson)  
 K. Leo (Dresden)  
 P. Magierski (Seattle)  
 I. Mertig (Halle)  
 T. Novotny (Prague)  
 J. Paaske (Copenhagen)  
 C. Piermarocchi (Michigan)

P. G. Reinhard (Erlangen)  
 R. Römer (Warwick)  
 I. Rotter (Dresden)  
 E. Runge (Ilmenau)  
 D. Ryndyk (Regensburg)  
 R. Sauerbrey (Dresden)  
 G. Schön (Karlsruhe)  
 Ch. Schüller (Regensburg)  
 J. Schnack (Bielefeld)  
 U. Schroeder (Rochester)  
 A. Sherman (Tartu)  
 J. Shumway (Tempe)  
 E. Suraud (Toulouse)  
 F. Vallée (Lyon)  
 B. Velický (Prague)  
 A. Wacker (Lund)  
 M. Wolf (Berlin)

Applications for participation and poster contributions are welcome and should be made by using the application form on the workshop web page (please see URL below). Some abstracts will be selected for short talks. The number of attendees is limited. The **registration fee** for the workshop is **300 €** which includes accommodation and meals. Limited funding is available to partially cover travel expenses. Please note that childcare is available upon request.

**Deadline for registration is October 30, 2008.**

**Freistaat Sachsen**  
 Staatsministerium für Wissenschaft und Kunst

Deutsche  
 Forschungsgemeinschaft

**DFG**

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**Forschungszentrum  
 Dresden Rossendorf**

**ICCMP**



International Center  
 for Condensed Matter  
 Physics, Brasília

**CIFMC**