

International Workshop on

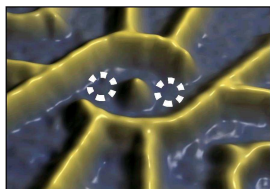
# Interaction and Interference in Nanoscopic Transport

February 18 - 23, 2008

*Scientific coordination:*

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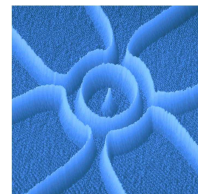
*Organisation:*

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Transport through nanostructures is strongly affected by Coulomb interaction associated with the charge of the electrons. The interplay of Coulomb interactions, charge and spin correlations and reduced dimensions is crucial for the understanding of the electronic properties of mesoscopic systems. The quantum-mechanical nature of the electrons can be probed by interference setups in different geometries. The aim of the workshop is to bring together experimentalists and theorists who are experts in exploring the mutual interplay of interaction and interference phenomena in nanoscopic transport to discuss recent developments in the field.

*Invited speakers:*

- |                                  |                                    |                                   |
|----------------------------------|------------------------------------|-----------------------------------|
| <b>Y. Alhassid</b> (New Haven)   | <b>B. Altshuler</b> (New York)     | <b>R. Berkovits</b> (Ramat Gan)   |
| <b>Y.M. Blanter</b> (Delft)      | <b>J. Blatter</b> (Zürich)         | <b>M. Büttiker</b> (Genève)       |
| <b>R. Egger</b> (Düsseldorf)     | <b>V. Falko</b> (Lancaster)        | <b>R. Fazio</b> (Trieste)         |
| <b>D. Feldman</b> (Providence)   | <b>C. Glattli</b> (Gif-sur-Yvette) | <b>V.J. Goldman</b> (Stony Brook) |
| <b>M. Governale</b> (Bochum)     | <b>R. Haug</b> (Hannover)          | <b>M. Heiblum</b> (Rehovot)       |
| <b>W. Hofstetter</b> (Frankfurt) | <b>T. Ihn</b> (Zürich)             | <b>A. Kamenev</b> (Minneapolis)   |
| <b>S. Katsumoto</b> (Tokyo)      | <b>K. Kobayashi</b> (Kyoto)        | <b>V. Kravtsov</b> (Trieste)      |
| <b>R. Leturcq</b> (Zürich)       | <b>D. Loss</b> (Basel)             | <b>C. Marcus</b> (Cambridge)      |
| <b>F. Marquardt</b> (München)    | <b>T. Martin</b> (Marseille)       | <b>V. Meden</b> (Göttingen)       |
| <b>A. Mirlin</b> (Karlsruhe)     | <b>G. Montambaux</b> (Orsay)       | <b>Y. Nazarov</b> (Delft)         |
| <b>A. Schiller</b> (Jerusalem)   | <b>H. Schoeller</b> (Aachen)       | <b>G. Schön</b> (Karlsruhe)       |
| <b>A. Stern</b> (Rehovot)        | <b>C. Strunk</b> (Regensburg)      | <b>J. von Delft</b> (München)     |

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). The number of attendees is limited. The **registration fee** for the workshop is **100 €** and should be paid by all participants. Costs for accommodation and meals will be covered by the Max Planck Institute. Limited funding is available to partially cover travel expenses. Please note that childcare is available upon request.

**Deadline for registration is November 30, 2007.**



For further information please contact:

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