

Focus meeting on  
**Nonlinear dynamics in complex scattering**

September 21 - 23, 2009

*Scientific coordination:*

**Arnd Bäcker**

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Dresden, Germany

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*Organisation:*

**Mandy Lochar**

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This topical workshop takes place in the third week of the international school/workshop *Tunneling and Scattering in Complex Systems - From Single to Many Particle Physics*. It is focused on scattering and transport processes that exhibit complex dynamics due to intrinsic nonlinearities, interaction effects, or classical chaos. The topics to be addressed include scattering dynamics of Bose-Einstein condensates, light propagation in nonlinear optical waveguides, as well as signatures of chaos in open billiards.

**Invited speakers:**

T. Kottos (Middletown)

K. Richter (Regensburg)

P. Leboeuf (Orsay)

H. Schomerus (Lancaster)

U. Peschel (Erlangen)

B. Shapiro (Haifa)

**Applications** for participation and poster or oral contributions are welcome and should be made by using the application form on the workshop's web page (please see URL below). The number of attendees is limited. The **registration fee** for the focus meeting is **100 €** and should be paid by all participants (unless already registered for the school/workshop during the first two weeks). Costs for accommodation and meals will be covered by the Max Planck Institute for the Physics of Complex Systems. Limited funding is available to partially cover travel expenses. Please note that childcare is available upon request.

**Deadline for application is June 15, 2009.**



**For further information please contact:**

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