MAX-PLANCK-GESELLSCHAFT

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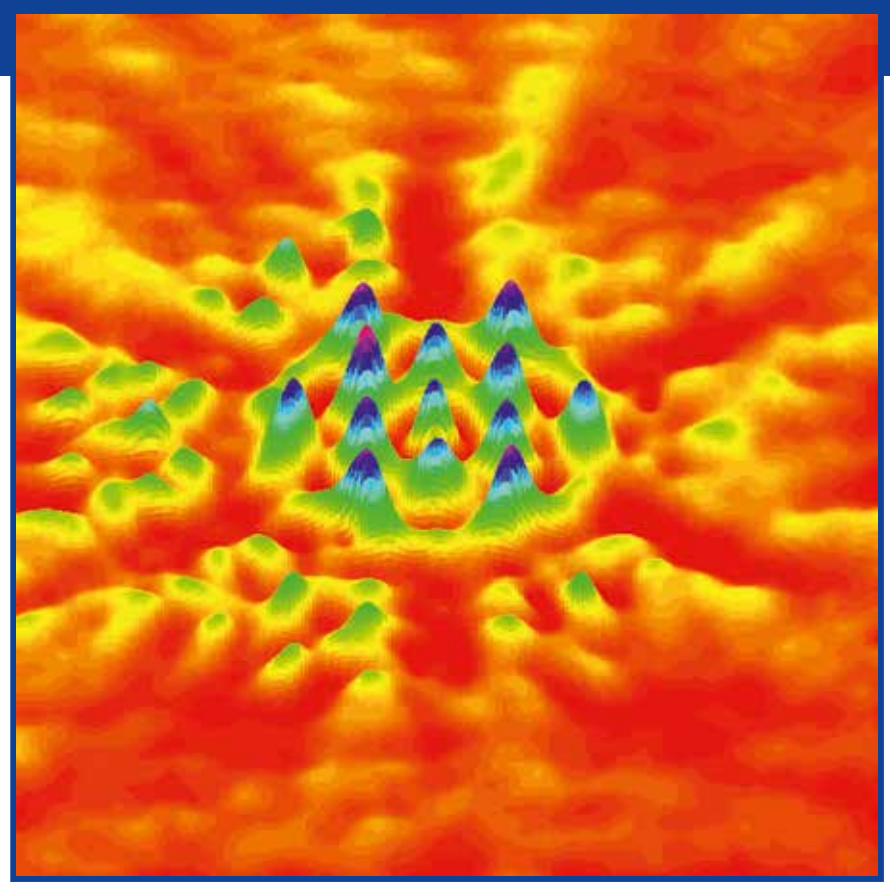
Discrete, Nonlinear and Disordered Optics

Max Planck Institute for the Physics of Complex Systems

International Workshop
08 - 12 May 2017

The recent merging of nonlinear photonics and disordered system physics promises a considerable impact on various disciplines in science, from physics to biology and chemistry. This workshop aims at discussing the latest experimental and theoretical results in the fast developing field of discrete nonlinear and disordered optical systems.



Topics

- Photonic simulators of quantum physics
- Disordered quantum physics
- Synthetic photonic lattices
- Nonlinear photonics
- Disordered photonics
- Meta-surfaces
- Random lasers
- Discrete optical systems
- Topological photonics
- Fabrication technology

Plenary speakers:
Immanuel Bloch (DE)
Federico Capasso (US)
Demetrios Christodoulides (US)
Nader Engheta (US)
Peter Schmelcher (DE)
Yaron Silberberg (IL)
Sergey Skipetrov (FR)
Kestutis Staliunas (ES)
Andrey Sukhorukov (AU)
Robert Thomson (UK)
Luis Torner (ES)
Diederik Wiersma (IT)
Frank Wise (US)

Invited speakers:
Aleksandr Aleksandrovsky (RU)
Hui Cao (US)
Claudio Conti (IT)
John Dudley (FR)
Shanhui Fan (US)
Sergei Flach (NZ & KR)
Andrea Fratalocci (SA)
Goery Genty (FI)
Yaroslav Kartashov (ES)
Netanel Lindner (IL)
Konstantinos Makris (GR)
Mario Molina (CL)
Mikael Rechtsman (US)

Scientific coordinators:
Mordechai Segev
Haifa, Israel

Alexander Szameit
Rostock, Germany

Sergei Turitsyn
Birmingham, UK

Organisation:
Mandy Lochar
MPIPKS Dresden

Applications received before 8 February 2017 are considered preferentially.

Applications are welcome and should be made by using the application form on the event's web page. The number of attendees is limited. The registration fee for the international workshop is 120 Euro 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.

For further information please contact:
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We also offer individual fellowships (phd, postdoc, sabbatical). Applications are accepted continuously. For details, please check www.pks.mpg.de/visitors