

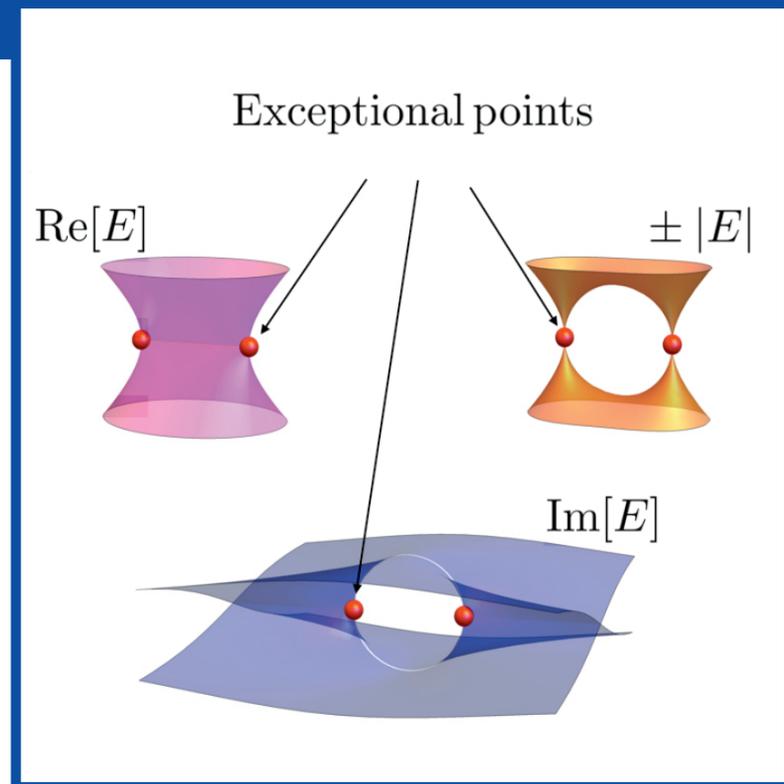
# Non-Hermitian Topology: from Classical Optics to Quantum Matter

## International Workshop 14 - 18 August 2023

Exploring topological properties that are unique to dissipative systems described by effective non-Hermitian Hamiltonians has become a broad frontier of research. This workshop will bring together researchers working on various aspects of non-Hermitian topology to discuss the foundations and exchange the latest ideas in this thriving field.

### Topics

- Non-Hermitian Systems
- Topological Phases
- Dissipative Quantum Matter
- Quantum Noise
- Exceptional Points
- Metamaterials
- Quantum Engineering
- Topological Photonics
- Quasiparticles
- Bulk-Boundary Correspondence



### Confirmed invited speakers Scientific coordinators

Johan Carlström (SE)  
Pavel Cejnar (CZ)  
Shu Chen (CN)  
Christiane de Morais Smith (NL)  
Sebastian Diehl (DE)  
Ramy El-Ganainy (US)  
Benedetta Flebus (US)  
Selma Franca (FR)  
Jack Harris (US)  
Kohei Kawabata (US)  
Flore Kunst (DE)  
Ching Hua Lee (SG)  
David Luitz (DE)  
Anja Metelmann (DE)  
Masatoshi Sato (JP)  
Henning Schomerus (UK)  
Masahito Ueda (JP)  
Zhong Wang (CN)  
Jan Wiersig (DE)

Emil Bergholtz  
Stockholm, SE

Jan Budich  
Dresden, DE

Francesco Piazza  
Dresden, DE

### Organisation

Claudia Domaschke  
MPIPKS Dresden

Applications received before 15th May 2023 are considered preferentially.

We aim for an in-person workshop with all participants on-site.

**Applications** are welcome and should be made by using the application form on the workshop web page (see contact details on the right). The number of attendees is limited. The **registration fee** for the international workshop is 140 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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