

Place: Lecture hall, Renthof 7, 35037 Marburg
Time: 18 October, 9 am – 4.30 pm
Language: English

Schedule:

9.00-10.00 Presentation external PIs & young PIs (5 – 10 min)

- Paulina Plochocka (Toulouse)
- Stefan Matthias (Göttingen)
- Andrey Turchanin (Jena)
- Bernhard Urbaszek (Darmstadt)
- Martin Esmann (Oldenburg)
- Daniel Erkensten (Marburg)

10.00-12.00 Project-related talks part I (10 min + discussions)

Charge transfer exciton physics

- Malic/Mathias: exciton dynamics
- Urbaszek/Vogelsang: exciton transport
- Volz/Turchanin/Wippermann: Design, imaging and optical characterization

Control of localized excitons

- Cocchi/Witte: Excitons in molecular systems and hybrids
- Witte/Wippermann/Gerhard: Excimer physics in molecular systems
- Lienau/Nilius: Probing single-photon emitter in the near field
- Gottfried/Esmann: Optomechanic coupling of localized excitons

12.00-13.00 Lunch

13.00-15.00 Project-related talks part II (10 min + discussions)

Exciton physics in the strong coupling regime

- Schneider/Malic: Polariton dynamics and optics
- Lienau/Witte: Singlet fission
- Schneider/Erkensten: Correlated exciton physics

Spatiotemporal exciton dynamics

- Malic/Cocchi/Gerhard: Spatiotemporal dynamics in 2D perovskites
- De Sio/Plochocka: Exciton relaxation dynamics in perovskite materials
- Volz/Tisdale: Charge and spin transfer in perovskite-TMD hybrids
- Heine/Chatterjee/Volz: Exciton dynamics in 2D perovskite heterostacks

15.00-15.30 Coffee break

15.30-16.30 Discussion

16.30-18.30 Discussion steering committee (seminar room in the 3rd floor, same building)

20.00 **Dinner** (Restaurant „Zur Sonne“, Markt 14, 35037 Marburg)