### Welcome to the DAAD Summer School!

**Day 1 | 07/22**

- **7:00-8:00** Qi Gong
- **7:00-8:00** Pilates

**Day 2 | 07/23**

- **9:00-12:30** Basics of Theoretical Optics (Prof. Carsten Rockstuhl)
- **9:00-12:30** Light in Periodic Photonic Materials (Prof. Carsten Rockstuhl)
- **9:00-12:30** Homogenization of Optical Metamaterial in the Cluster of Excellence 3DMM2O (Prof. Carsten Rockstuhl)

**Day 3 | 07/24**

- **9:00-12:30** Applications of Metamaterials Tutorial: Advanced Optical Metamaterial (Prof. Carsten Rockstuhl)
- **12:30-14:00** Lunch break with campus tour
- **15:00-19:30** Career Workshop I: Applying in Germany

**Day 4 | 07/25**

- **9:00-12:30** Novel Nanophotonic Materials (Prof. Jasmin Aghassi-Hagmann)

**Day 5 | 07/26**

- **9:00-12:30** Printed Optoelectronic Devices I (Prof. Uli Lemmer)

**Day 6 | 07/27**

- **9:00-12:30** Printed Optoelectronic Devices II (Prof. Jasmin Aghassi-Hagmann)

**Day 7 | 07/28**

- **9:00-12:30** Printed Nanophotonic Materials (Prof. Dorota Pawlak)

**Day 8 | 07/29**

- **9:00-12:30** Printed Optoelectronic Devices III (Prof. Jasmin Aghassi-Hagmann)

**Day 9 | 07/30**

- **12:30-14:00** Lunch break with KIT students & PhD students

**Day 10 | 07/31**

- **12:30-14:00** Lunch break with KIT students & PhD students

**Day 11 | 08/01**

- **14:00-17:30** Printed Electronics: Print your own device/circuit (Dr. Gabriel Cadilha Marques)

**Day 12 | 08/02**

- **14:00-17:30** Printed Electronics III: PhD & studying in Germany

**Day 13 | 08/03**

- **14:00-17:30** Career Workshop III: Positioning & Career Planning

**Day 14 | 08/04**

- **17:00-18:00** Evaluation

**Day 15 | 08/05**

- **18:00-21:00** Goodbye-Dinner together

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**Voluntary sports activity**

- * at Schlosspark (Castle garden)

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**Departure Day: Thanks for your participation & have a good trip home!**

- **18:00-20:00** Dinner in a beer garden
- **20:00-22:00** Pub Crawl with OSKar (Optics Students of Karlsruhe)

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**Arrival & Checking in:**

- **Welcome to the DAAD Summer School!**
- **9:00-18:00** High ropes course with team training & city tour
- **9:00-12:30** Basics of Theoretical Optics (Prof. Carsten Rockstuhl)
- **9:00-12:30** Light in Periodic Photonic Materials (Prof. Carsten Rockstuhl)
- **9:00-12:30** Homogenization of Optical Metamaterial in the Cluster of Excellence 3DMM2O (Prof. Carsten Rockstuhl)
- **9:00-12:30** Applications of Metamaterials Tutorial: Advanced Optical Metamaterial (Prof. Carsten Rockstuhl)
- **12:30-14:00** Lunch break with campus tour
- **15:00-19:30** Career Workshop I: Applying in Germany
- **19:30-21:30** Welcome, presentation of the program, dinner together at International Department
- **18:00-20:00** Dinner in traditional German restaurant

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**Day off**

- **11:30-14:30** Transfer to Heidelberg
- **14:30-15:00** Break
- **15:30-19:00** Printed Optoelectronic Devices I (Prof. Uli Lemmer)

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**Free Afternoon**

- **18:00-20:00** Dinner in a beer garden
- **20:00-22:00** Pub Crawl with OSKar (Optics Students of Karlsruhe)

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**Hiking in the Black Forest**

- **12:30-14:00** Lunch break with KIT students & PhD students
- **13:00-18:00** Intercultural Training
- **14:00-13:00** Zoo or ZKM (Museum)
- **14:00-18:00** Innovation Lab Heidelberg
- **14:30-15:00** Break
- **15:00-19:30** Career Workshop I: Applying in Germany

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**Company visit Nanoscribe & getting to know ZEISS Innovation Hub @ KIT**

- **14:00-17:30** Company visit Nanoscribe
- **15:00-19:30** Career Workshop I: Applying in Germany
- **18:00-20:00** Dinner in a traditional German restaurant

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**International Department**

- **19:30-21:30** Welcome, presentation of the program, dinner together at International Department
- **18:00-20:00** Dinner in traditional German restaurant
- **20:00-22:00** Pub Crawl with OSKar (Optics Students of Karlsruhe)