

Tentative Programme

Metamaterials and nanophotonic structures in applications

28. May 2018 – 1. June 2018, Karlsruhe, Germany

The lectures on scientific writing will be given in the seminar rooms of NaWiK. It needs to be finally confirmed but the lectures likely take place in the Englerstraße 2, 4th floor. The schedule for these lectures is not yet contained in the list below.

All lectures on Wednesday till Friday of this week will be given in Hector auditorium of the International Department located in the center of the city (Schloßpl. 19). The poster session will be likely organized in the Foyer of the Gaede-Lecture hall (30.22).

Monday, 28. May

| Time | Subject | Speaker | Institution |
|------|--|---------|-------------|
| | NAWiK lecture on scientific writing | | |

Tuesday, 28. May

| Time | Subject | Speaker | Institution |
|------|--|---------|-------------|
| | NAWiK lecture on scientific writing | | |

Wednesday, 29. May

| Time | Subject | Speaker | Institution |
|--------------|--|------------|-------------------------|
| 9:30 | Quantum Plasmonics I | M. Agio | University of Siegen |
| 10:30 | Coffee break | | |
| 11:00 | Quantum Plasmonics II | M. Agio | University of Siegen |
| 12:00 | Lunch | | |
| 14:00 | Short range plasmons and orbital angular momentum I | H. Giessen | University of Stuttgart |
| 15:00 | Coffee break | | |
| 15:30 | Short range plasmons and orbital angular momentum II | H. Giessen | University of Stuttgart |
| 17:00 | Poster Session | | |
| 19:00 | End of day III | | |

Thursday, 30. May

| Time | Subject | Speaker | Institution |
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|--------------|--|-----------------|--------------------------------|
| 9:00 | Commercializing metamaterials: From research to applications | T. Kallos | Metamaterial Technologies Inc. |
| 9:45 | Coffee break | | |
| 10:00 | Real world applications of holographic nanostructures | T. Kallos | Metamaterial Technologies Inc. |
| 10:45 | Coffee break | | |
| 11:00 | TBD | Local speaker | |
| 12:00 | Lunch | | |
| 14:00 | Nonlinear Plasmonics and Metasurfaces I | O. J. F. Martin | EPFL |
| 15:00 | Coffee break | | |
| 15:30 | Nonlinear Plasmonics and Metasurfaces II | O. J. F. Martin | EPFL |
| 16:30 | End of day IV | | |

Friday, 1. June

| Time | Subject | Speaker | Institution |
|--------------|--|--------------|------------------|
| 9:30 | From Diffractive optics to meta-surfaces I | P. Lalanne | Institut Optique |
| 10:30 | Coffee break | | |
| 11:00 | From Diffractive optics to meta-surfaces II | P. Lalanne | Institut Optique |
| 12:00 | Lunch | | |
| 14:00 | Metamaterials and coordinate transformations in optics, thermodynamics, and mechanics I | M. Wegener | KIT |
| 15:00 | Coffee break | | |
| 15:30 | Metamaterials and coordinate transformations in optics, thermodynamics, and mechanics II | M. Wegener | KIT |
| 16:30 | Closing ceremony | C. Rockstuhl | KIT |
| 17:00 | End of school | | |