

PHD SUMMER SCHOOL, May 24 - 26 2019

University of Southern Denmark

Program

Friday 24 May 2019

8:30 - 8:45

Welcome with organizers



Sergey I. Bozhevolnyi

Centre for Nano Optics
University of Southern Denmark



N. Asger Mortensen

08:45 - 10:00

Quantum Optics in Plasmonic Nanocavities



Antonio I. Fernández-Domínguez
Universidad Autónoma de Madrid, Spain

10:00 - 10:15

Coffee break

10:15 - 12:00

High-end Nano-Optics: Electro-Plasmonics, Strong Coupling, Spin-optics



Bert Hecht
University of Würzburg, Germany

12:00 - 13:00

Lunch break

13:00 - 14:45

Extreme nanophotonics from ultrathin metallic gaps



Maiken H. Mikkelsen
Stanford University, California, USA

14:45 - 15:00

Coffee break

15:00 - 16:45

Interplay of optical modes in plasmonic systems



Olivier J. F. Martin

École polytechnique fédérale de Lausanne, Switzerland

17:30

Bus to [Odeon](#), where Odense Municipality will be hosting a reception

Program

Saturday 25 May 2019

8:30 - 10:00

Green's Function Integral Equation Methods in Nano-Optics



Thomas Søndergaard
Aalborg University, Denmark

10:00 - 10:15

Coffee break

10:15 - 12:00

Meta-device: Advance and Application



Din Ping Tsai,
Academia Sinica, Taiwan

12:00 - 13:00

Lunch break

13:00 - 14:45

Nanofabrication Approaches Tailored For Plasmonics And Photonics



Joel K. W. Yang
Singapore University of Technology and Design, Singapore

14:45 - 15:00

Coffee break

15:30

Excursion:

Boat ride and 3 course dinner at [Valdemars Slot](#)



20:30

Bus back to hotel

Program

Sunday 26 May 2019

8:30 - 10:00

Active plasmonics: Gain, amplification, lasing and exceptional point structures



Pierre Berini
University of Ottawa, Canada

10:00 - 10:15

Coffee break

10:15 - 12:00

Nanoplasmonic molecular sensing and actuation



Mikael Käll
Chalmers University of Technology, Sweden

12:00 - 12:15

Goodbye with a "To go lunch bag"

Participants may be awarded 5 ECTS for their participation, subject to the active participation in the school and subsequent submission of an essay on one of 9 topics suggested by the lecturers. Deadline for submission of essay (in pdf format) is June 17th, 2019.

You can sign up [here](#)

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Thomas B. Thriges Fond

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