

1st Online NOA PhD School

Report of Contributions

Contribution ID: 1

Type: **not specified**

Peter Hommelhoff , Universit of Erlangen, Laserphysics

Tuesday 27 October 2020 14:00 (1 hour)

“Strongfield physics at graphene and graphene-based interfaces”

Contribution ID: 2

Type: **not specified**

Jana Zaumseil University of Heidelberg, Applied physical Chemistry

Tuesday 27 October 2020 15:00 (1 hour)

SWNT-Polaritonen und Einzelphotonenemitter

Presenter: Prof. ZAUMSEIL, Jana

Contribution ID: 3

Type: **not specified**

Stefan Maier, LMU München, Hybrid Nanoystems

Tuesday 27 October 2020 16:00 (1 hour)

Stefan Maier
Chair in Hybrid Nanosystems
Lehrstuhl für Hybride Nanosysteme
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<http://www.hybridplasmonics.org>

Contribution ID: 4

Type: **not specified**

Mauro Falconieri Physical Technologies for Safety and Health Division Fusion and Nuclear Safety Department ENEA–C. R. Casaccia, Rome (Italy)

Tuesday 27 October 2020 12:00 (1 hour)

In this talk the basic principles of spontaneous Raman spectroscopy will be first briefly recalled and then the comparison with coherent techniques will be discussed.

Among the latters the focus will be on Coherent Anti-Stokes Raman Scattering (CARS) and Stimulated Raman Scattering, which will be introduced in a simplified manner using a classical plane-wave approach, with reference to the e.m. field- matter interaction.

The implementation of these techniques in experimental setups exploiting a single femtosecond oscillator will be shown, with reference to the Author current work.

Contribution ID: 5

Type: **not specified**

Poster Session

Contribution ID: 6

Type: **not specified**

Dienst Talk with Dr. Michael Stelter, Fraunhofer . Applied Siences - Challenging Research with Fraunhofer

Monday 26 October 2020 14:30 (1 hour)

<https://www.ikts.fraunhofer.de/en.html>

Contribution ID: 7

Type: **not specified**

Dr. Fadi Younis "My way from academia to industry

Monday 26 October 2020 13:45 (45 minutes)

<https://www.jenabioscience.com/>

Dr. Fadi Younis fadi.younis@jenabioscience.com

Contribution ID: 8

Type: **not specified**

Dr. Thomas Frank ” How to have a Career in ZEISS”

Monday 26 October 2020 10:15 (45 minutes)

ZEISS is a leading supplier of both metrology and manufacturing equipment for the global Semiconductor Industry. With focus on a key component in the semiconductor manufacturing process, the photomask, ZEISS enables their customers to produce optimal photomasks achieving highest yields.

Working in Industry is a different approach to everyday career.

We proudly present:

Dr.-Ing. Thomas Frank

ZEISS Expert Ladder –

Lead System Engineer –AIMS DUV.

He will talk about his career path after University and the way science works in Industry.

Contribution ID: 12

Type: **not specified**

Kai Pachner - Patent Attorney - Challenging Profession for Life

Monday 26 October 2020 11:45 (45 minutes)

Contribution ID: 17

Type: **not specified**

Close out

Monday 26 October 2020 15:30 (10 minutes)

Contribution ID: **18**

Type: **not specified**

Close out PhD Speakers Daniel Repp and Francesco Vitale

Tuesday 27 October 2020 17:00 (20 minutes)

Contribution ID: **19**

Type: **not specified**

Pizza or dinner in ZOOM

Contribution ID: **20**

Type: **not specified**

Mathias Kübel, University of Jena

Tuesday 27 October 2020 11:30 (30 minutes)

Experiences with an Emmy Noether Projekt - “Imaging electronic structure changes using photo-electrons”

Contribution ID: 21

Type: **not specified**

Tobias Vogl, University of Jena

Tuesday 27 October 2020 11:00 (30 minutes)

The search for physics beyond the standard model with atomically thin materials.