

# 14<sup>th</sup> International Conference on Nonlinear Optics and Excitation Kinetics in Semiconductors

Berlin, September 23-27, 2018



NOEKS 14

The International Conference on Nonlinear Optics and Excitation Kinetics in Semi-conductors (NOEKS) will be the 14th meeting in a series with an outstanding tradition in bringing together leading scientists in the field of semiconductor optics. NOEKS 14 follows this tradition by covering the most recent developments in this rapidly evolving field, which involve advanced and new materials, novel experimental techniques, and recent theoretical progress. There will be no parallel sessions and the conference will provide plenty of opportunities for discussions.

## April 5, 2018:

Online registration  
and abstract  
submission  
opens

## Confirmed Invited Speakers:

Rudolf Bratschitsch (Münster)

Brian Gerardot (Edinburgh)

Claire Le Gall (Cambridge)

Alexander Högele (Munich)

Mark Holmes (Toyko)

Peter Hommelhoff (Erlangen)

Libai Huang (Purdue)

Stephen Hughes (Kingston)

Boubacar Kanté (San Diego)

Peter Lodahl (Copenhagen)

Cun-Zheng Ning (ASU)

Masaya Notomi (NTT)

Wolfram Pernice (Münster)

Stefan Schumacher (Paderborn)

Laurens Siebbeles (Delft)

Richard Warburton (Basel)

Jana Zaumseil (Heidelberg)

## Topics:

- Low-dimensional and nanostructured optoelectronic and photonic systems
- 2D Quantum materials and van der Waals heterostructures
- Quantum dots and nanocrystals
- Solid state based quantum optics
- Semiconductor based quantum devices for photonic quantum technology
- Ultrafast nonlinear dynamics
- Spin effects and quantum memories
- Novel semiconductor laser physics and cavity-enhanced nanolasers

**Welcome to  
NOEKS 14,  
welcome  
to Berlin  
2018**



[www.noeks.tu-berlin.de](http://www.noeks.tu-berlin.de)

