

## 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)

Welcome to  
**NOEKS 14**

Welcome to  
**Berlin 2018**

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



Berlin, Germany  
September 23 – 27, 2018  
[www.noeks.tu-berlin.de](http://www.noeks.tu-berlin.de)



## General

The International Conference on Nonlinear Optics and Excitation Kinetics in Semiconductors (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.

## Program Committee

Manfred Bayer (Germany)  
Steve Cundiff (USA)  
Hui Deng (USA)  
Rupert Huber (Germany)  
Satoshi Iwamoto (Japan)  
Jacek Kasprzak (France)  
Mackillo Kira (USA)  
Ermin Malic (Sweden)  
Janina Maultzsch (Germany)  
Jesper Mørk (Denmark)  
Ruth Oulton (UK)  
Armando Rastelli (Austria)  
Grzegorz Sęk (Poland)  
Gregor Weihs (Austria)

## 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

## Important Key Dates

April 5, 2018	Online registration and abstract submission opens
June 8, 2018	Abstract submission deadline
July 6, 2018	Notification of acceptance
July 27, 2018	Early registration closes
September 23 – 27, 2018	Conference

## Conference Fees

	early	late (after July 28)
Regular	400€	500€
Student	300€	400€
Upgraded	220€	300€
Accompanying	100€	150€

## Organizing Committee

Stephan Reitzenstein, Ulrike Woggon,  
Andreas Knorr, Sven Rodt, Tobias Heindel,  
Nina Owschimikow, Alexander Carmele  
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