### Keynote Forum

<table>
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<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>09:00-09:05</td>
<td>Introduction</td>
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</table>
| 09:05-09:40| Title: Laser cooling of solids: Towards absolutely cold quantum nanoobject  
Andrei Ivanov, ITMO University, Russia |
| 09:40-10:15| Title: Experimental characterization and numerical simulation for ultrasonic-enhanced  
laser drilling/trepanning  
Houxiao Wang, Jiangsu University, China |

### Networking and Refreshments Break 10:15-10:30 @ Sylt Foyer

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| 10:40-11:15| Title: Thermo-mechanical effects in laser-matter interactions  
Chen-Wu Wu, Institute of Mechanics - CAS, China |

### Sessions: Photonics | Optical Imaging and Sensing | Optical Fiber | Lasers and Nonlinear Optics | Laser Systems | Quantum Optics | Nano and Quantum Sciences

#### Session Chair: Bruno Wacogne, FEMTO-ST Institute, France  
#### Session Co-Chair: Günter Nimtz, Universität zu Köln, Germany

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| 11:15-11:40| Title: Shaped laser pulses after optical fibers for selective multiphoton excitation of  
biomolecules  
Albrecht Lindinger, Freie Universität Berlin, Germany |
| 11:40-12:05| Title: Design of Fresnel lens for uniform LED lighting  
Seoyong Shin, Myongji University, South Korea |
| 12:05-12:30| Title: Toward calibration free ion sensing: A focus on fiber optic fluorescence pH sensor  
Bruno Wacogne, FEMTO-ST Institute, France |
| 12:30-12:55| Title: application to resolution refractive index sensor  
Kyuman Cho, Sogang University, South Korea |
| 12:55-13:20| Title: Simultaneous measurements of absorption, scattering, and refractive index  
parameters of mouse brain tissue by NIR structured illumination and models approximation  
David Abookasis, Ariel University, Israel |

### Lunch Break 13:20-14:10 @ Restaurant Rienäcker

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| 14:10-14:35| Title: On the universal tunneling time  
Günter Nimtz, University of Cologne, Germany |
| 14:35-15:00| Title: Dissipative soliton in VCSEL  
Jana Soumendu, Thapar Institute of Engineering and Technology, India |
| 15:00-15:25| Title: Scaling of sub-nanosecond gain-switched lasers to subjoule energy level  
Aleksandr Tarasov, Laseroptek Ltd., South Korea |

### Networking and Refreshments Break 15:25-15:40 @ Sylt Foyer
Title: Fiber Bragg Grating (FBG) sensing technology and its application in thermal errors monitoring of CNC machine tools
Ruiya Li, Wuhan University of Technology, China

Title: Defect reduction of GaN growing on dome-shaped patterned - sapphire substrates
Cheng Yen Chien, Graduate Institute of Electronics Engineering – NTU, Taiwan

Title: Experimental studies on bright quantum states of light
Bhaskar Kanseri, Indian Institute of Technology, Delhi, India

Panel Discussion

Day 2    July 03, 2018
Meeting Room- (Sylt 1-2)

Keynote Forum

09:00-09:05 Introduction

09:05-09:40 Title: The optical properties of dichroic doped NCS glasses
Sergey Klimosky, Lomonosov Moscow State University, Russia

09:40-10:15 Title: Distributed acoustic sensors: Evolution and applications
Ali Masoudi, University of Southampton, UK

Networking and Refreshments Break 10:15-10:30 @ Sylt Foyer

10:30-11:05 Title: Distinct multi-physical effects of plasmonic metal nanostructures for high performance optoelectronic devices
W C H Choy, The University of Hong Kong, Hong Kong

Young Researcher Forum

YRF Judge: Andrei Ivanov, ITMO University, Russia

11:05-11:20 Title: Multi-photon self-error-correction hyperentanglement distribution over arbitrary collective-noise channels
Cheng Yan Gao, Beijing Normal University, China

11:20-11:35 Title: Stimulated Raman scattering in crystals and applications
Christoph Zesch, University of Rome Tor Vergata, Italy

11:35-11:50 Title: Non-Markovian entanglement dynamics of continuous measurement feedback open quantum system in structured bath
Wei Jaing, Beijing Normal University, China

11:50-12:05 Title: Entangling two distant high-Q microwave transmission lines assisted by a resonator terminated with SQUIDs
Ming Li, Beijing Normal University, China

12:05-12:20 Title: Effect of the number of primary lens level on the MTF of diffractive imaging system
Dun Liu, Chinese Academy of Sciences, China

12:20-12:35 Title: Entanglement state transmission without calibrate reference frame
Peng Liang Guo, Beijing Normal University, China

12:35-12:50 Title: Young's double-slit interference with two-color biphotons
Shuang Wu, Beijing Normal University, China

12:50-13:05 Title: Universal single-qubit non-adiabatic holonomic quantum gates in optomechanical systems
Shan Shan Chen, Beijing Normal University, China

Lunch Break 13:05-13:55 @ Restaurant Rienäcker
Session Introduction

13:55-14:20
Title: Latest technologies in optical fiber lasers for sensing applications
Rosa Ana Perez Herrera, Universidad Pública de Navarra, Spain

14:20-14:45
Title: Miniaturized tunable QCL - lightsource for MID-infrared spectroscopy
A Merten, Fraunhofer IPMS, Germany

14:45-15:10
Title: Unambiguous ultrashort pulse reconstruction from double spectrograms alone
Birger Seifert, Pontificia Universidad Católica de Chile, Chile
Title: The study of natural anti-aging compounds using two-photon microscopy technique
Gohar Tsakanova, Institute of Molecular Biology NAS RA, Armenia

Networking and Refreshments Break 15:35-15:50 @ Sylt Foyer

Session Introduction

15:50-16:15
Title: Arc augmented laser technology for complex hull structures production in various spatial positions
Nikolay A Nosyrev, JSC Shipbuilding & Shiprepair Technology Center, Russia

16:15-16:40
Manuel I Marqués, IFIMAC - Universidad Autonoma de Madrid, Spain

16:40-17:05
Guy Stéphan, Université Lyon, France

17:05-17:30
Tina Matzat, Qbit Films, Germany

Poster Presentations 17:30- 17:45 @ Sylt Foyer

Poster Judge: Andrei Ivanov, ITMO University, Russia

EOP001
Title: Design of compact micro-reduction lens based on thin lens aberrations
Kuang Lung Hunag, MingDao University, Taiwan

EOP002
Title: Novel transmission properties of planar optical waveguide cladded in prism pair
Jianhua Liu, Fudan University, China

EOP003
Title: Power conversion efficiency of solar-pumped solid-state 4-level lasers
Sascha Wallentowitz, Pontificia Universidad Católica de Chile, Chile

Panel Discussion
Award Ceremony & Certificate Distribution

Day 3    July 04, 2018
Networking Lunch 12:30-13:30 @ Restaurant Rienäcker

Bookmark your dates

11th International Conference on

Optics, Photonics & Lasers

July 04-05, 2019   Valencia, Spain

E-mail: photonics@physicsconferences.org; euroopticsconference@gmail.com
Website: https://optics.physicsmeeting.com/