



# Photorefractive Photonics 2017 | PR' 17

July 17-20, 2017, The Grand Regency Hotel, Qingdao, China

The Photorefractive Photonics 2017, organized by Nankai University and Qingdao University, will be held in Qingdao, Shandong, China. The conference will offer the opportunity for presentations on photorefractive photonic effects, materials and applications. The proceeding papers will be published in Journal of Physics: Conference Series (JPCS) by IOP Publishing Ltd.

## Scientific Topics and Chairs

- Wave mixing and its applications:**  
 Interferometry, slow light, holography, data storage, wavefront shaping, optical signal processing  
 Chairs: Prof. Serguey Odoulov, National Academy of Sciences of Ukraine, and Prof. Stefania Residori, Univ. Nice-Sophia Antipolis, France
- Nonlinear light-matter interaction and its applications:**  
 Ultrafast processes, beam propagation dynamics, optical limiting and modulation  
 Chairs: Prof. Roger Cudney, CICESE, Mexico, and Prof. Marko Zgonik, University of Ljubljana, Slovenia
- Material engineering and photonic micro-structures:**  
 Ferroelectric domain engineering, waveguides, resonators, integrated photonic applications  
 Chairs: Prof. Karsten Buse, Fraunhofer-Institut für Physikalische Messtechnik IPM, Germany, and Prof. Yongfa Kong, Nankai University, China
- Photorefractive lattice photonics:**  
 Novel lattice structure and physics, quantum analogy, and light control by light  
 Chairs: Prof. Zhigang Chen, Nankai University, China & San Francisco State University, USA and Prof. Cornelia Denz, Univ. of Münster, Germany
- Digital photorefractive photonics:**  
 Physics, applications, and devices  
 Chairs: Prof. Christophe Moser, École Polytechnique Fédérale de Lausanne (EPFL), Switzerland and Prof. Germano Montemezzani, Univ. de Lorraine, LMOPS, Metz, France

- Novel photorefractive effects, materials and applications:**  
 Polaron-based photorefractive effect, quantum nonlinear optics, hybrid and organic photorefractive materials  
 Chairs: Prof. Yasuo Tomita, The University of Electro-Communications, Japan, and Prof. Guoquan Zhang, Nankai University, China

## Important dates

- ✓ 250-word abstract submission deadline: March 1, 2017
- ✓ Notification of acceptance: April. 1, 2017
- ✓ Minimum 2-page paper submission deadline: Jun. 1, 2017
- ✓ Early online registration deadline: June 17, 2017
- ✓ Onsite registration: July 17-20, 2017

## Local organizing committee

Jingjun Xu (Chair),	Nankai University
Guoquan Zhang,	Nankai University
Weijin Kong,	Qingdao University
Qian Sun,	Nankai University
Yongfa Kong,	Nankai University
Zhigang Chen,	Nankai University
Romano Rupp,	Nankai University and University of Vienna
Fang Bo,	Nankai University
Feng Xia,	Qingdao University

## Sponsorship

Nankai University  
 Qingdao University  
 Qingdao Society of Physics

..... more will be announced

Conference website: [http://zhanqun.qdu.edu.cn/wlxh\\_r17/](http://zhanqun.qdu.edu.cn/wlxh_r17/)

Contact information: Guoquan Zhang or Fang Bo, email address: [pr17@nankai.edu.cn](mailto:pr17@nankai.edu.cn)