

Scientific Program



12th International Conference on
**Optics, Photonics &
Lasers**

June 17-18, 2019 | London, UK

UK: Conference Series LLC Ltd
47 Churchfield Road, London, W3 6AY
Toll Free: +0-800-014-8923

DAY-1

17-June-2019

Meeting Hall: **Armstrong**

08:00-09:00 Registrations

Opening Ceremony **09:00-09:20**

KEYNOTE FORUM

09:20-09:30 Introduction

09:30-10:10 **Title: Hybrid gas laser systems operating within ~2 - 20 micron**
Andrey Ionin, P N Lebedev Physical Institute-RAS, Russia

10:10-10:50 **Title: Amorphous molecular materials with photomechanical and mechanochromic functions**
Hideyuki Nakano, Muroran Institute of Technology, Japan

Networking & Refreshments 10:50-11:10 @ Foyer

11:10-11:50 **Title: High conversion efficiency Cu₂O-based heterojunction solar cells using multicomponent n-type oxide semiconductor thin films prepared by low damage magnetron sputtering method**
Toshihiro Miyata, Kanazawa Institute of Technology, Japan

11:50-12:30 **Title: Defect induced fatigue damage behaviors of additively manufactured components via in situ 3D X-ray microtomography**
Wu Shengchuan, Southwest Jiaotong University, China

GROUP PHOTO (12:30-12:40)

Lunch Break 12:40-13:40 @ RBG

Sessions: Lasers and Nonlinear Optics | Photonics | Industrial Applications of Laser and Photonics Optoelectronics | Applied Industrial Optics

Chair: Andrey Ionin, P N Lebedev Physical Institute-RAS, Russia

INTRODUCTION

13:40-14:10 **Title: Progress on 1.8m Solar Telescope CLST**
Changhui Rao, Institute of Optics and Electronics, Chinese Academy of Sciences, China

14:10-14:40 **Title: Si-based laser-made nanocoatings for destroying bacterial biofilms**
Andrey Ionin, P N Lebedev Physical Institute-RAS, Russia

14:40-15:10 **Title: Fast visible imaging spectrometer for 1.8-m solar telescope CLST**
Yangyi Liu, Institute of Optics and Electronics, Chinese Academy of Sciences, China

Networking & Refreshments 15:10-15:30 @ Foyer

15:30-16:00 **Title: Abnormal radiative interband transitions and tailorable orbital-state coupling in High-Al-Content AlGaIn quantum wells**
Junyong Kang, Xiamen University, China

16:00-16:30 **Title: High power high-repetition-rate microsecond pulse sodium beacon laser**
Yong Bo, Technical Institute of Physics and Chemistry-CAS, China

16:30-17:00 **Title: What high performance control can do for you? The example of adaptive optics**
Caroline Kulcsár, Laboratoire Charles Fabry - Institut d'Optique Graduate School-CNRS, France

Panel Discussion

Awards & Closing Ceremony

DAY-2

18-June-2019

Networking Lunch 12:30-13:30 @ RBG

Bookmark your Dates

13th International Conference on

Optics, Photonics & Lasers

April 22-23, 2020 Berlin, Germany

E: eurooptics@expertsgathering.net

Website: optics.physicsmeeting.com