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International Conference On
Lasers, Optics and Photonics

July 25-26, 2018 | Osaka, Japan



Optics 2018	
Day 1 July 25, 2018	
	Registration
	Opening Ceremony
	Introduction
Keynote Forum	
	Title: Overcooled gas flow assisted image recognition
	Konstantin Lyakhov, Jeju National University, South Korea
	Title: Electric-field-resolved spectroscopy of molecular vibrations
	Ioachim Pupeza, Max Planck Institute of Quantum Optics, Germany
	Title: Oxide Semiconductor Plasmonics in the Infrared range for Modern Life
	Hiroaki Matsui , Department of Electric Engineering, the University of Tokyo, Japan
	Title: Novel Guided Fluidic Assembling Technologies for Optical Devices
	Brahm Pal Singh , Panasonic Corporation, Osaka, Japan
Group Photo	
Coffee Break	
Workshop/ Special Session	
	Title:High power mono-module disk laser
	V.V. Apollonov, Russian Academy of Sciences, Russia
	Title:Highly flat optical frequency comb generation based on passive modulation devices
	Dongsun Seo, Myongji University, South Korea
Lunch	
Oral Session I	
Optics and Biomechanics/ Modern Optics/Interferometry/ SDM and Beyond/ Optical Metrology/ Optical Imaging	
***Speaker Slots available**	
	Title: Experimental investigation of halothane as a new halide donor for nuclear pumped excimer laser
	Anton V. Podkopaev, Obninsk Institute for Nuclear Power Engineering, Obninsk, Russia
	Title: Laser Induced Breakdown Spectroscopy for analysis of materials
	W Aslam Farooq, King Saud University, Saudi Arabia
	Title: Reduction of stress induced bending in MEMS Suspended Membrane
	Muhammad Luqman Haider, Balochistan University of Information Technology, Pakistan
Coffee Break	
Oral Session II	
Systems and Machine Vision/ Optical Computing/ Micro-Opto-Electro-Mechanical Systems (MOEMS)/ Microscopy and Adaptive Optics/ Lasers in Medicine and Biology	
	Title: Highly efficient and stable semi-transparent perovskite photovoltaic cells
	Sheng Hsiung Chang, CYCU, Taiwan
	Title: Recent progress on high-speed optical transmission
	Jianjun Yu, Department of IC, Fudan University, Shanghai, China
***Speaker Slots available**	
	Title: Correlation of a phase change correction and surface roughness
	Pawat Phuaknoi, National Institute of Metrology, Thailand
	Title:Inexpensive U-bent optical fiber sensor utilizing localized surface plasmon resonance (LSPR) technique
	Dimpi Paul , Tezpur University, India
Special Session	
	Title:Optical coating
	Guowen Ding, CEO of Labforinvention Corp, USA
	Title:Laser Based 3-D printing of Materials for Engineering Applications
	Jyotsna Dutta Majumdar, Indian Institute of Technology Kharagpur, India

Day 2 July 26, 2018	
	Introduction
Keynote Forum	
	Title: Macroscopic 3D transillumination imaging of animal body by scattering suppression of NIR light
	Koichi Shimizu , Waseda University, Kitakyushu, Japan
	Title: Induced Cooperative Raman Lasing and Entanglement between the Mode Components of nano-Fiber or Cavity
	Dr. Nicolae A. Enaki , Institute of Applied Physics, Moldova
	Title: Current status of SBS PCM based self-navigation of laser drivers on IFE pellets injected into the reactor chamber
	Dr.Milan Kalal , Faculty of Nuclear Sciences and Physical Engineering Czech Technical University, Prague
	Title: Optical Interconnect Opportunities for future Server Memory Systems
	Yasunao Katayama, IBM Academy of Technology, IBM Research, Tokyo
	The Challenge of Optics in Future Extremely Large Telescopes
	Eric Ruch, Safran Reosc, France
Lunch	
Oral Session I	
Engineering Applications of Spectroscopy/ Applications and Trends in Optics/ Optoelectronic Devices, Photonics, Nanophotonics and Biophotonic/ Organic Optoelectronics and Integrated Photonics/ Optical Communications, Switching and Networks/ High-speed Opto-electronic Networking	
	Title: Diagnostics of Laser Remelting of Thermally Sprayed Coatings Using an Infrared Cameras
	Marek Vostřák, University of West Bohemia, Pilsen, Czech Republic
	Title: Recent Progress of AlGaN-Based Deep-Ultraviolet Light-Emitting Diodes
	Masafumi Jo and Hideki Hirayama RIKEN, Saitama, Japan
	Title: Quartz-enhanced photoacoustic spectroscopy with electrical co-excitation
	Mario Mordmueller , Institute for Energy Research and Physical Technology, Germany
	Title: Photo-induced flows relevant to laser-based droplet manipulations
	Takahiro Tsukahara, Tokyo University of Science, Japan
***Speaker Slots available**	
Poster Session	
***Poster Slots available**	
	Title:Photocatalytic reactor for methylene green degradation
	Angelina Yurievna Petrova, TSU, Russia
	Title:Surface Micro-Patterning of Oriented Polyethylene Films using Interference Holography
	Sarah S. D. Lafleur, University of Eindhoven, The Netherlands
	Title:Combined Output Windows for High-Power Lasers
	Maxim Rogozhin, Moscow Institute of Physics and Technology, Russia
***Exhibitor Slots available**	

****Note: Tentative Program has been designed with the projected speakers names and titles, dates for this program are subject to change**

Avail Speaker Opportunity: Send us your abstract and biography by June 30, 2018

Send your proposals & details to confirm your participation and Book Your Dates: Optics 2018 on July 25-26, Osaka, Japan.

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Keynote Speakers



Hiroaki Matsui
Japan



Ioachim Pupeza
Germany



Koichi Shimizu
Japan



Konstantin Lyakhov
South Korea

OCM's



Dongsun SEO
South Korea



Hua Guan
Japan



Victor V Apollonov
Russia



Dr. Guowen Ding
USA

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Explore Osaka

Osaka is a designated city in the Kansai area of Japan which is situated at the mouth of the Yodo River on Osaka bay. Osaka is a large port city and commercial center in the Japanese island of Honshu. It is the second biggest city in Japan being a noteworthy financial spot for the nation.

It is known for its modern architecture, nightlife and hearty street food. The 16th-century shogunate Osaka Castle, which has undergone several restorations, is its main historical landmark. Sumiyoshi-taisha is among Japan's oldest Shinto shrines. The city's west side has the fundamental port and a traveler goal with attractions, for example, Kyocera Dome, Universal Studios Japan, Osaka aquarium, Minami, Osaka palace, Umeda sky building and the Tempozan Harbor Village.

Osaka Attractions



Japan Univarsal Studios

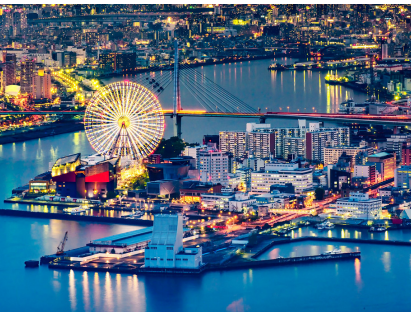

Osaka Palace


Kobe Mountains


Osaka Affair


Osaka Aquarium


Umeda Sky Building


Osaka Harbor City


Kyocera Dome


Shitenno-Ji-Temple





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Osaka, Japan

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