

International Conference on
Laser, Optics & Photonics



Tentative Program

August 23-24, 2018
Paris, France

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Speaker opportunities available, Submit your Abstract online
@ http://laser-tech.alliedacademies.com/abstract-submission
Day 1 August 23, 2018
Registrations
Opening Ceremony
Inaugural Address
Keynote Forum
Title: New generation of compact quantum-dot based lasers in the near-IR and its efficient conversion to the visible region Edik U Rafailov J Aston University United Kingdom
Title: Robust and optimal quantum control for some classes of linear quantum systems Aline I Maalouf University of New South Wales Australia
Title: Si-based infrared detection with very broadband response using plasmonic resonance Ching – Fuh Lin National Taiwan University Taiwan
Panel Discussion
Networking Session
<i>Session on: Laser Systems Optoelectronics Surface Enhanced Spectroscopy</i>
Title: Multi - MW laser for new applications Victor Victorovich Apollonov Prokhorov GPI of Russian Academy of Sciences Russia
Title: Overcooled gas flow assisted quantum computing Konstantin Lyakhov Jeju National University South Korea
Lunch Break
Panel Discussion
<i>Session on: Laser Systems Laser Safety Fibre Laser Technology</i>
Title: Laser action in rare earth doped borosilicate glasses in visible and NIR region Yogesh Kumar Sharma Kumaun University India
Title: Simulating XY spin systems with coupled laser networks Vishwa Pal Indian Institute of Technology Ropar India
SPEAKER SLOTS AVAILABLE
Networking Session
Young Researchers Forum
Title: Hybrid structured photonic crystal fiber for terahertz applications KM Samaun Reza Karlsruhe Institute of Technology Germany
Title: Generation and visualization of few electron states in a quantum conductor Bisognin Remi Ecole Normale Superieure France
Program may Subject to Change

Day 2 – August 24, 2018
Keynote Forum
Title: Diode laser architectures using nonlinear optical interaction and feedback techniques Paul Michael Petersen Technical University of Denmark Denmark
Title: Electronic ICs supporting high-speed optical transceivers for short-reach applications Peter Ossieur Ghent University Belgium
Title: Technology trends of the European industry in lasers and optics Jose Pozo European Photonics Industry Consortium (EPIC) Netherlands
Panel Discussion
Networking Session
<i>Session on: Laser Systems Fibre Laser Technology</i>
Title: Parametric generation in PPLN crystal with pumping by a Q-switched mode locked Nd:YAG laser: Comparison of super luminescent and singly-resonant regimes Valery I Donin Institute of Automation and Electrometry Russia
Title: Passive Q-switched pulse Erbium doped fibre laser Antimony Telluride (Sb ₂ Te ₃) as saturable absorber Noor Azura Awang University of Tun Hussein Onn Malaysia Malaysia
Title: Novelties in additive manufacturing and bio-printing Giuseppe Leo Paris Diderot University France
Lunch Break
Panel Discussion
<i>Session on: Optical Communication & Networking Optical Imaging & Sensing Technologies in Lasers, Optics and Photonics</i>
Title: Wave scattering by many small impedance particles and creating materials with a desired refraction coefficient Alexander G Ramm Kansas University USA
Title: Two-sided half-reflective light dot-plate is valid for all wavelengths, according to multiple angles MHD Saeed Maroof Damascus University Syria
Networking Session
Poster Presentation
Title: Optical frequency comb generation utilizing mach-zehnder modulator and multi-laser sources Driss El Idriss National Institute of Standards and Technology USA
Title: Optical telescope for micro-satellite: Design and Analysis Ching-Wei Chen National Space Organization (NSPO) Taiwan
SPEAKER SLOTS AVAILABLE
Closing Ceremony
Note: Program Schedule is subject to change with final allotment of the speaker slot

Conference Highlights

- Laser Systems
- Fiber Laser Technology
- Laser Safety
- Surface Enhanced Spectroscopy
- Optoelectronics
- Optical Imaging and Sensing
- Optical Communications and Networking
- Optics in Astronomy and Astrophysics
- Photonics
- Advancements in Photonics
- Nano photonics
- Bio photonics
- Industrial Applications of Laser and Photonics-Overview, Challenges and Current Trends
- Optics and Lasers in Medicine
- Technologies in Lasers, Optics and Photonics
- Applications and Trends in Optics and Photonics

