

Conference Program

Room E: 4503 Photonic Devices - Manipulation of Optical Modes Presider: Ching Eng Jason Png	Room F: 4505 Rare-Earth-Doped Fibres on the 30th Anniversary of the EDFA I Presider: Michalis Zervas	Room G: 4301 Advanced Lasers and Applications I Presider: Hongda Chen	Room H: 4201 High Power, High Energy Lasers I Presider: Wenn Jing Lai
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14:00--14:30
Oral 1-3E-1
Invited

Power Monitoring And Feedback Control Of Microring Resonators
Andy Knights
 McMaster Univ

14:30--14:45
Oral 1-3E-2
Micro-ring Resonator Quality Factor And Extinction Ratio Enhancement Via Integrated Fabry-Perot Cavity
Jiayang Wu, Tania Moein, Xingyuan Xu, Guanghui Ren, Arnan Mitchell, David Moss
 Swinburne Univ of Technology

14:45--15:00
Oral 1-3E-3
High-order Filters Based On Three High-Q Microtoroid Cavities
Qian Hua, Chao Yang, Xiaoshun Jiang, Min Xiao
 Nanjing Univ

15:00--15:15
Oral 1-3E-4
Mirror-symmetric Fano-like Resonances Based On An Add-Drop Microring Resonator Interferometer On A Silicon Chip
Simin Li, Lei Zhao, Lugang Wu, Shilong Pan
 Nanjing Univ of Aeronautics and astronautics



15:15--15:45
Oral 1-3E-5
Invited

Reconfigurable On-chip Two-mode Multiplexed System
Yu Yu
 Huazhong Univ of Science and Technology



14:00--14:30
Oral 1-3F-1
Invited

The Doped-Fibre Journey And The EDFA
David Payne
 Univ of Southampton



14:30--14:50
Oral 1-3F-2
Invited

Invention Of LD-pumped EDFA And Their Applications From Soliton To Coherent Nyquist Pulse Transmission
Masataka Nakazawa
 Tohoku Univ



14:50--15:10
Oral 1-3F-3
Invited

Erbium Doped Fiber Amplifiers For Space-division-multiplexed Systems
Shaif-ul Alam, Yongmin Jung, Saurabh Jain, David Richardson
 Univ of Southampton



15:10--15:30
Oral 1-3F-4
Invited

Bismuth-doped & Raman Fiber Amplifiers
Evgeny Dianov
 FORC RAS



15:30--15:50
Oral 1-3F-5
Invited

On Amplified Transmission And Nonlinear Bandwidth Limits
Rene-Jean Essiambre
 Alcatel Lucent



14:00--14:30
Oral 1-3G-1
Invited

High Power VCSEL Amplifier For Laser Processing
Fumio Koyama
 Tokyo Institute of Technology



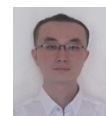
14:30--15:00
Oral 1-3G-2
Invited

Widely Tunable InP Based DBR Lasers
Song Liang
 Institute of Semiconductors, Chinese Academy of Sciences

15:00--15:15
Oral 1-3G-3
Distributed Feedback Laser Diode With Fast Wavelength Switching And Wide Tuning Range
Yuto Ueno, Keita Mochizuki, Kiyotomo Hasegawa, Masamichi Nogami, Hiroshi Aruga
 Mitsubishi Electric Corporation

15:15--15:30
Oral 1-3G-4
Band Engineering Of Indirect Band GaInP: Enhancement Of Green-Light Emission
Cong Wang, Bing Wang, Soon-Fatt Yoon, Jurgen Michel
 Nanyang Technological Univ

15:30--15:45
Oral 1-3G-5
Lasing Characteristics Of 1.3-um Npn-AlGaInAs/InP Transistor Laser With Reduced Base-Bandgap Energy
Shoichi Yoshitomi, Shotaro Tadano, Kentaro Yamanaka, Nobuhiko Nishiyama, Shigehisa Arai
 Tokyo Institute of Technology



14:00--14:30
Oral 1-3H-1
Invited

Advances In High Power Random Fiber Lasers
Pu Zhou, Jun Ye, Long Huang, Hanwei Zhang, Jiangmin Xu, Jian Wu, Hu Xiao, Jinyong Leng
 National Univ of Defense Technology



14:30--15:00
Oral 1-3H-2
Invited

Mid-infrared Fibre Sources: New Power Levels, Wavelengths And Modes Of Operation
Stuart Jackson
 Macquarie Univ

15:00--15:15
Oral 1-3H-3
Coherent Pulse Stacking With Delay Lines
Henrik Tunnermann, Akira Shirakawa
 Univ of Electro-Communications

15:15--15:30
Oral 1-3H-4
A 621 W Linearly Polarized, Near-diffraction-limited MOPA Seeded By Random Fiber Laser
Long Huang, Jiangming Xu, Jun Ye, Xiaodong Liu, Hanwei Zhang, Xiaolin Wang, Pu Zhou
 National Univ of Defense Technology

15:30--15:45
Oral 1-3H-5
High-Efficiency Pulsed Tm-Doped Fiber Amplifier
Xiaoxi Jin, Biao Sun, Junhua Ji, Jiaqi Luo, Qijie Wang, Pu Zhou, Xia Yu
 Precision Measurements Group, Singapore Institute of Manufacturing Technology

15:45--16:00
Oral 1-3H-6
Single Stage Nonlinear Compression Of A Bandwidth-optimized High Energy Yb-doped Fiber Laser Source
Loic Lavenu, Michele Natile, Florent Guichard, Quentin Mocaer, Yoann Zaouter, Eric Mottay
 Laboratoire Charles Fabry