

Optics Frontier Conference: Advanced Photonics

Co-Chairs



Prof. Xiao-Cong(Larry) Yuan
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Prof. Anatoly Zayats
King's College London, UK

Section Chairs: Peng Xi, Peking University, China
Michael G. Somekh, Shenzhen University, China

Aug.7	14:00-14:45 p.m.	Guohai Situ, Shanghai Institute of Optics and Fine Mechanics, China Data-driven computational optical imaging
	14:45-15:30 p.m.	Yun-feng Xiao, Peking University, China Ultra-high-Q microcavity optics and photonics
	15:30-16:00 p.m.	Break
	16:00-16:45p.m.	Renmin Ma, Peking University, China Eigenmode engineering of nanolasers
	16:45-17:30 p.m.	Arseniy Kuznetsov/Shiqiang Li, Institute of Materials Research and Engineering, ASTAR, Singapore Toward active dielectric metasurface devices

Section Chairs: Ting Mei, Northwestern Polytechnical University, China
Siyuan Yu, Bristol University, UK

Aug.8	8:30-9:15 a.m.	Guixin Li, Southern University of Science and Technology, China Geometric phase and nonlinear photonic metasurfaces
	9:15-10:00 a.m.	Qihua Xiong, Nanyang Technological University, NTU, Singapore PerovLight: perovskite materials for emergent nanophotonics and polaritonics
	10:00-10:30 a.m.	Break
	10:30-11:15 a.m.	Jia Zhu, Nanjing University, China Nanophotonic designs for energy conversion and storage
	11:15-12:00 a.m.	Liangyi Chen, Peking University, China High spatiotemporal resolution fluorescence imaging of biological samples in vivo