

OSA Advanced Photonics Congress

13 July 2020 – 16 July 2020

Virtual Event - Eastern Daylight Time (UTC - 04:00)

Agenda of Sessions — Monday, 13 July

Technical Sessions are hyperlinked. Click the session title to access the appropriate virtual room.

	Virtual Room 1	Virtual Room 2	Virtual Room 3	Virtual Room 4	Virtual Room 5	Virtual Room 6	Virtual Room 7	Virtual Room 8	Virtual Room 9
	IPR	NETWORKS	NOMA	NP	NP	PSC	PVLED & NOMA	SOF	SPPCom
08:00–10:00	JM1A • Joint Plenary Session I, <i>Virtual Room 10</i>								
10:00–10:30	Meet Plenary Speaker, Ian Walmsley, <i>Virtual Room 11</i>								
10:30–12:30	IM2A • Photonics for Processing and Computation	NeM2B • Optical Networks	NoM2C • Nanophotonics	NpM2D • Nonlinear Effects in Fibers	JM2E • Quantum Effects in Nonlinear Media (IPR/ NP Joint Session)	PsM2F • Photonic Networks	PvM2G • Inorganic LEDs and III/V Solar Cells	SoM2H • Optical Fiber Sensors	SpM2I • All Optical Signal Processing
12:30–13:00	Break								
13:00–15:00	IM3A • Modulators and Resonator-Enhanced Devices	NeM3B • Machine Learning for Optical Networks I	NoM3C • 2D Materials and Metamaterials	NpM3D • Third-order Nonlinearities in On-chip Waveguides		PsM3F • Photonics Switching Devices	PvM3G • Nanostructured Solar Cells	SoM3H • Fiber Fabrication and Design	SpM3I • Devices and Components
15:00–15:30	Break								
15:30–17:30	IM4A • Topology, Quantum, and Nonlinear Applications	NeM4B • Free-space Communications I	NoM4C • Terahertz Applications	NpM4D • Second-order Nonlinear Phenomena	NpM3E • Nonlinear Effects in Chalcogenides and Other Complex Media		NoM4G • Infrared Materials	SoM4H • Novel Fiber Materials	SpM4I • Transmission Experiments
17:30–19:00	Meet Plenary Speaker, Ben Eggleton, <i>Virtual Room 11</i>								

Key to Conference Abbreviations

IPR	Integrated Photonics Research, Silicon and Nanophotonics
NETWORKS	Photonic Networks and Devices
NOMA	Novel Optical Materials and Applications
NP	Nonlinear Photonics
PSC	Photonics in Switching and Computing
PVLED	Optical Devices and Materials for Solar Energy and Solid-state Lighting
SOF	Specialty Optical Fibers
SPPCom	Signal Processing in Photonics Communications

Agenda of Sessions — Tuesday, 14 July

Technical Sessions are hyperlinked. Click the session title to access the appropriate virtual room.

	Virtual Room 1	Virtual Room 2	Virtual Room 3	Virtual Room 4	Virtual Room 5	Virtual Room 6	Virtual Room 7	Virtual Room 8	Virtual Room 9
	IPR	NETWORKS	NOMA	NP	NP	NOMA	PVLED	SOF	SPPCom
08:00–10:00	ITu1A • Advances in Modulators	NeTu1B • Optical Communication Systems I	NoTu1C • Optical Materials for Biological and Bioinspired Systems	NpTu1D • Cavity Solitons and Localized Structures	NpTu1E • Pulse Shaping and Characterization	NoTu1F • Topology and Topological Photonics	PvTu1G • Concentrated Solar Power	SoTu1H • Nonlinear Optics and Supercontinuum Generation	SpTu1I • Real Time Analysis and Implementation
10:00–10:30	Break								
10:30–12:30	ITu2A • III-V Photonics	NeTu2B • Optical Communication Systems II	NoTu2C • Optical Materials for Space Applications	JTu2D • Integrated Frequency Combs I (IPR/NP Joint Session)			PvTu2G • Silicon Solar Cells	SoTu2H • High Power Fiber Lasers and Components I	SPTu2I • Real Time Analysis and Implementation II
12:30–14:00	Workshop: An Interactive Tutorial on Optimization and Machine Learning for Nanophotonics								
12:30–14:00	Break								
14:00–16:00	JTu3A • Integrated Frequency Combs II (IPR/NP Joint Session)	NeTu3B • Free-space Communications II	NoTu3C • Laser-matter Interaction	NpTu3D • Mode Locked Fiber Lasers	NpTu2E • Nonlinear Optics with Nanomaterials and Metasurfaces	NoTu2F • Materials for Photodetectors and Devices	PvTu3G • Perovskites and 2D Materials	SoTu3H • High Power Fiber Lasers and Components II	SpTu3I • Quantum, Crypto and Security
16:00–17:30	ITu4A • Poster Session IPR, <i>Virtual Room 10</i> JTu4C • Poster Session NOMA and PVLED, <i>Virtual Room 11</i> NpTu4D • Poster Session NP, <i>Virtual Room 12</i> JTu3F • Poster Session PSC, SPPCom and SOF, <i>Virtual Room 13</i>								

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Agenda of Sessions — Wednesday, 15 July

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	Virtual Room 1	Virtual Room 2	Virtual Room 3	Virtual Room 4	Virtual Room 5	Virtual Room 6	Virtual Room 7	Virtual Room 8	Virtual Room 9
	IPR	NETWORKS	NOMA	NP	NP	PSC	PVLED	SOF	SPPCom
08:00–10:00	IW1A • Quantum Optics	NeW1B • Machine Learning for Optical Networks II	NoW1C • Diffractive Optics, Meta-materials, and Metasurfaces	NpW1D • Electro/optomechanical and Acoustic Phenomena	NpW1E • Nonlinear Two-dimensional Materials		PvW1G • Perovskite Symposium I	SoW1H • Hollow Core Fibers	SpW1I • Symposium on Short Reach Coherent I
10:00–10:30	Break								
10:30–12:30	IW2A • Novel Materials Processing and Fabrication Techniques	NeW2B • Space Division Multiplexing	NoW2C • Optical Materials for Quantum Optics	NpW2D • Vortex Nonlinearities	NpW2E • Nonlinear Effects in Lasers and Resonators	PsW1F • Photonic Systems	PvW2G • Perovskite Symposium II	SoW2H • Chalcogenide and Mid-infrared Fibers	SpW2I • Symposium on Short Reach Coherent II
12:30–13:30	Developing Profitable Products								
12:30–14:00	OIDA / OSAF Professional Development & Networking Virtual Lunch and Learn, <i>Virtual Room 12</i>								
12:30–14:00	Break								
14:00–16:00	JW3A • Joint Plenary Session II, <i>Virtual Room 10</i>								
16:00–16:30	Meet Plenary Speakers, Marin Soljagic and Jelena Vuckovic , <i>Virtual Rooms 11 and 9</i>								
16:30–17:30						PsW4F • Photonic Systems	PvW4G • Perovskite Symposium Campfire Session		

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Agenda of Sessions — Thursday, 16 July

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	IPR	NETWORKS & IPR	NOMA	NP	NOMA	PSC	PVLED	SOF & IPR	SPPCom
08:00–10:00	ITh1A • Nonlinear and Quantum Photonics (IPR/NP Joint Session)	NeTh1B • Integrated Photonics	NoTh1C • Polymer and Soft Optical Materials	NpTh1D • Soliton Phenomena		PsTh1F • Programmable and Neuromorphic Photonics	PvTh1G • PV in the Environment		SpTh1I • Signal Processing I
10:00–10:30	Break								
10:30–12:30	JTh2A • Advances in Integrated Photonics and Polarization Engineering	ITh2B • Lasers and Light Shaping	NoTh2C • Tunable Optical Materials	NpTh2D • Light Propagation in Novel Media	NoTh1E • Lasers and Laser Materials	PsTh2F • Photonics Switching Technology	PvTh2G • Organic LEDs	SoTh1H • Fibre Applications	SpTh2I • Signal Processing II
12:30–13:00	Break								
13:00–15:00	ITh3A • Novel Materials and Designs		NoTh3C • Plasmonics Devices	NpTh3D • Spatial and Spatiotemporal Dynamics		PsTh3F • Photonics Switching Building Blocks	JTh3G • LEDs, Lasers and Fluorescing Materials (Joint NOMA/PVLED Session)	ITh2H • Advances in Radiation and Sensing	SpTh3I • Signal Processing III
15:00–15:30	Break								
15:30–17:30	Joint PDP Sessions (Rooms TBD)								

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