

# Agenda of Sessions — Sunday, 1 July

15:00–18:00	Registration, E Level
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## Monday, 2 July

	Room D1.1	Room E5	Room E3	Room D1.2	Room D7.1	Room D3.2	Room D5.2	Room D7.2	Room E1.1	Room E1.2
07:00–18:00	Registration, E Level									
07:45–10:00	JM1A • Introductory Remarks and Plenary Session I, Room F30.1 (Overflow Room: E3)									
10:00–10:30	Networking Coffee Break with Exhibitors, D Level Foyers									
	BGPP	IPR	NP	NOMA	Sensors	Networks	SPPCom	SOF	NP	Sensors
10:30–12:30	BM2A • Fundamentals for Glass Photosensitivity and Relaxation	IM2B • Nanophotonics	NpM2C • Mode Locking	NoM2D • Lasers and LED Gain Media	SeM2E • Biomedical Sensors I	NeM2F • Reliable Multi-layer Networking	SpM2G • Datacenter Interconnection	SoM2H • Novel Fibers and Materials	NpM2I • Quantum Applications of Nonlinear Photonic	SeM2J • Metrology (ends at 12:00)
12:30–14:00	Lunch (on own)									
	BGPP	IPR	NP	NOMA	Sensors	Networks	SPPCom	SOF	IPR	NOMA
14:00–16:00	BM3A • Symposium: Optical Fiber Sensing Technologies for Sensing/monitoring in Harsh Environment I	IM3B • Silicon Photonics Integration	NpM3C • 2D Nonlinear Nanostructures	NoM3D • Optical Glasses, Crystals and Ceramics I	SeM3E • Biomedical Sensors II	NeM3F • Disaggregated Networking and Computing	SpM3G • Long-haul Transmission I	SoM3H • Fiber Lasers I	IM3I • Application of Frequency Combs and Microresonators	NoM3J • Nonlinear Optical Materials and Thin Films
16:00–16:30	Networking Coffee Break with Exhibitors, D Level Foyers									
	BGPP	IPR	NP	NOMA	Sensors	Networks	SPPCom	SOF	NP	NOMA
16:30–18:30	BM4A • Symposium: Optical Fiber Sensing Technologies for Sensing/monitoring in Harsh Environment II	IM4B • Integrated Photonics for Sensing and Spectroscopy (ends at 18:00)	NpM4C • Metamaterials and Coherence Effects in Lasers	NoM4D • Materials for Solar Energy Applications	SeM4E • Optical Fiber Sensors (ends at 18:15)	NeM4F • Advanced Photonic Devices (end at 18:00)	SpM4G • Fiber Nonlinearity Mitigation (ends at 18:00)	SoM4H • Fiber Lasers II (ends at 18:00)	NpM4I • Measurements and Microscopy	NoM4J • Two-dimensional Materials I (ends at 17:45)
18:30–20:00	Conference Reception, Polyterrace (Rain Location: Main Hall)									

### Key to Conference Abbreviations

BGPP	Bragg Gratings, Photosensitivity and Poling in Glass Waveguides & Materials	NP	Nonlinear Photonics	SOF	Specialty Optical Fibers
IPR	Integrated Photonics Research, Silicon and Nano Photonics	NOMA	Novel Optical Materials and Applications	SPPCom	Signal Processing in Photonics Communications
Networks	Photonic Networks and Devices	Sensors	Optical Sensors		

# Agenda of Sessions — Tuesday, 3 July

	Room D1.1	Room E5	Room E3	Room D1.2	Room D7.1	Room D3.2	Room D5.2	Room D7.2	Room E1.1	Room E1.2
07:00–17:30	<b>Registration, E Level</b>									
07:45–10:00	<b>JTu1A • Introductory Remarks and Plenary Session II, Room F30.1 (Overflow Room: E3)</b>									
10:00–11:30	<b>JTu2A • Poster Session I and Networking Coffee Break with Exhibitors, D Level Foyers</b>									
	BGPP	IPR		NOMA	Sensors	Networks	SPPCom	SOF	Sensors	
11:30–12:30	<b>BTu3A • Industry Session</b>	<b>ITu3B • Novel Nano-scale Structures</b>		<b>NoTu3C • Two-dimensional Materials II</b>	<b>SeTu3D • Micro- and Nano-Engineered Sensors I</b>	<b>NeTu3E • Autonomous and High-Capacity Systems</b>	<b>SpTu3F • Cloud Optics and Network Virtualization (ends at 12:00)</b>	<b>SoTu3G • Nonlinear Interactions in Fibers Specialty Optical Fibers &amp; Applications</b>	<b>SeTu3H • Frequency Comb Sensors</b>	
12:30–13:30	<b>Student &amp; Early Career Professional Development &amp; Networking Lunch and Learn (Separate registration required), Room F33.1</b>									
12:30–14:00	<b>Lunch (on own)</b>									
	BGPP	IPR	NP	NOMA	Sensors	Networks	SPPCom	SOF	IPR	NOMA
14:00–16:00	<b>BTu4A • FBG and Laser Writing for Biomedical Sensing</b>	<b>ITu4B • Integrated Optical Sources</b>	<b>NpTu4C • Vectorial Effects</b>	<b>NoTu4D • Optical Glasses, Crystals and Ceramics II</b>	<b>SeTu4E • Optical Chemical &amp; Biological Sensing I</b>	<b>NeTu4F • Data Center, Transport and Edge Networks (begins at 14:15)</b>	<b>SpTu4G • Digital Signal Processing and FEC Signal Processing in Photonics Communications</b>	<b>SoTu4H • Fiber Lasers III</b>	<b>ITu4I • Novel Materials for Photonics</b>	<b>NoTu4J • Nanomaterials I</b>
16:00–17:30	<b>JTu5A • Poster Session II and Networking Coffee Break with Exhibitors, D Level Foyers</b>									
17:30–18:00	<b>JTu6A • Postdeadline Session I</b>			<b>JTu6B • Postdeadline Session II</b>	<b>JTu6D • Postdeadline Session IV</b>		<b>JTu6C • Postdeadline Session III</b>	<b>JTu6E • Postdeadline Session V</b>	<b>JTu6F • Postdeadline Session VI</b>	<b>JTu6G • Postdeadline Session VII</b>
19:00–22:00	<b>Conference Banquet on Lake Zurich, Zürich Bürkliplatz (Separate Registration and Fee Required)</b>									

## Key to Conference Abbreviations

BGPP Bragg Gratings, Photosensitivity and Poling in Glass Waveguides & Materials

IPR Integrated Photonics Research, Silicon and Nano Photonics

Networks Photonic Networks and Devices

NP Nonlinear Photonics

NOMA Novel Optical Materials and Applications

Sensors Optical Sensors

SOF Specialty Optical Fibers

SPPCom Signal Processing in Photonics Communications

# Agenda of Sessions — Wednesday, 4 July

	Room D1.1	Room E5	Room E3	Room D1.2	Room D7.1	Room D3.2	Room D5.2	Room D7.2	Room E1.1	Room E1.2
07:30–17:30	<b>Registration, E Level</b>									
	BGPP	IPR	NP	NOMA	Sensors	Networks	SPPCom	SOF	Joint IPR/NP	NOMA
08:00–10:00	<b>BW1A • Femtosecond Laser Writing: From Fundamentals to Applications</b>	<b>IW1B • Optical Detectors and Transceivers</b>	<b>NpW1C • Instabilities and Synchronization</b>	<b>NoW1D • Metasurfaces and Metamaterials I</b> (begins at 08:15)	<b>SeW1E • Optical Chemical &amp; Biological Sensing II</b>	<b>NeW1F • Multimode and Multicore</b> (begins at 08:45)	<b>SpW1G • Long-haul Transmission II</b>	<b>SoW1H • Sensing and Imaging</b>	<b>JW1I • Symposium: Microcomb Technology I</b> (Joint IPR/NP)	<b>NoW1J • Nanomaterials II</b>
10:00–10:30	<b>Networking Coffee Break with Exhibitors, D Level Foyers</b>									
	BGPP	IPR	NP	NOMA	Sensors	Networks	SPPCom	SOF	Joint IPR/NP	NOMA
10:30–12:30	<b>BW2A • FBG for Sensing Applications</b>	<b>IW2B • Integrated Photonics Applications</b>	<b>NpW2C • Spatiotemporal Phenomena I</b>	<b>NoW2D • Metasurfaces and Metamaterials II</b> (ends at 11:45)	<b>SeW2E • Micro- and Nano-Engineered Sensors II</b>	<b>NeW2F • Connecting the World</b>	<b>SpW2G • Optical Analog Signal Processing</b>	<b>SoW2H • Fiber Lasers IV</b>	<b>JW2I • Symposium: Microcomb Technology II</b> (Joint IPR/NP)	<b>NoW2J • Laser Materials and Photonics</b>
12:30–14:00	<b>Lunch (on own)</b>									
	BGPP	IPR	NP	NOMA	Sensors	Networks	SPPCom	SOF	Joint IPR/NP	Sensors
14:00–16:00	<b>BW3A • Symposium: Innovative Grating-components and Grating-configurations for Fiber Lasers I</b>	<b>IW3B • Modulators</b>	<b>NpW3C • Nonlinear Dielectric Nanostructures</b>	<b>NoW3D • Plasmonics</b>	<b>SeW3E • Optical Fiber Sensors II</b>	<b>NeW3F • Optical Network Design and Optimization</b>	<b>SpW3G • High Symbol Rate Systems</b> (ends at 15:15)	<b>SoW3H • Advanced Characterization and Processing Techniques</b>	<b>JW3I • Symposium: Microcomb Technology III</b> (Joint IPR/NP)	<b>SeW3J • Terahertz Sensing I</b>
16:00–16:30	<b>Networking Coffee Break with Exhibitors, D Level Foyers</b>									
	BGPP	IPR	NP	NOMA	Sensors	Networks	SPPCom	SOF	IPR	NOMA
16:30–18:30	<b>BW4A • Symposium: Innovative Grating-components and Grating-configurations for Fiber Lasers II</b>	<b>IW4B • Plasmonics</b>	<b>NpW4C • Waves and Solitons Interactions</b>	<b>NoW4D • Biomimetic and Biocompatible Materials</b>	<b>SeW4E • Laser-based Sensors I</b> (ends at 18:15)	<b>NeW4F • FreeSpace and UnderSea Optics + Workshop</b>	<b>SpW4G • Machine Learning for Optical Systems</b>	<b>SoW4H • Multimode Fibers</b>	<b>IW4I • Filter and Waveguide Devices</b> (ends at 18:15)	<b>NoW4J • Polaritonics</b> (ends at 18:00)
19:00–21:00	<b>Lab Automation Hackathon, Room F33.1</b>									
19:00–22:00	<b>BGPP Reception, The Lion Pub (Oetenbachgasse 6)</b>									

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IPR	Integrated Photonics Research, Silicon and Nano Photonics	Sensors	Optical Sensors
Networks	Photonic Networks and Devices	SOF	Specialty Optical Fibers
NP	Nonlinear Photonics	SPPCom	Signal Processing in Photonics Communications

# Agenda of Sessions — Thursday, 5 July

	Room D1.1	Room E5	Room E3	Room D1.2	Room D7.1	Room D3.2	Room D5.2	Room D7.2	Room E1.1	Room E1.2
07:30–17:30	Registration, E Level									
	Sensors	IPR	NP	NOMA	Sensors	Networks	NP		NP	IPR
08:00–10:00	<b>SeTh1A • Nanophotonic and Plasmonic Biosensors</b>	<b>ITh1B • Photonic Crystals and Nanocavities</b>	<b>NpTh1C • Applications of Quadratic Nonlinearities and Harmonic Generation</b>	<b>NoTh1D • Organic and Polymeric Materials</b> (ends at 09:45)	<b>SeTh1E • Optical Fiber Sensors III</b> (begins at 08:30)	<b>NeTh1F • Routing in Wavelength and Space</b>	<b>NpTh1G • Dynamical Effects in Lasers</b>		<b>NpTh1H • Opto-acoustic Effects, Raman and Brillouin Gain</b>	<b>ITh1I • Photonic Integrated Circuits</b> (begins at 08:15)
10:00–10:30	Networking Coffee Break, D Level Foyers									
	BGPP	IPR	NP	NOMA	Sensors	Networks	SPPCom	SOF	NP	IPR
10:30–12:30	<b>BTh2A • Poling and Laser-induced Crystallization in Glasses</b>	<b>ITh2B • Novel Photonic Platforms</b>	<b>NpTh2C • Spatiotemporal Phenomena II</b>	<b>NoTh2D • Tunable Metadevices I</b>	<b>SeTh2E • Sensing in Harsh Environment</b>	<b>NeTh2F • Network Resiliency and Security</b> (begins at 11:00, ends at 12:15)	<b>SpTh2G • Short Reach Systems</b> (ends at 12:15)	<b>SoTh2H • Novel Light Sources</b>	<b>NpTh2I • Applications of Supercontinuum</b>	<b>ITh2J • Microresonators</b>
12:30–14:00	Lunch (on own)									
	BGPP	IPR	NP	NOMA	Sensors	Networks	SPPCom	SOF	NP	IPR
14:00–16:00	<b>BTh3A • Fabrication and Properties of Gratings, Waveguides and Photonic Devices</b>	<b>ITh3B • Silicon Nitride Photonics</b>	<b>NpTh3C • Spatiotemporal Phenomena III</b>	<b>NoTh3D • Tunable Metadevices II</b> (ends at 15:30)	<b>SeTh3E • Laser-based Sensors II</b>	<b>NeTh3F • Short Reach Interconnects</b> (ends at 15:30)	<b>SpTh3G • Access Networks and Free Space Communications</b> (ends at 15:30)	<b>SoTh3H • Mid-infrared Supercontinuum Generation</b>	<b>NpTh3I • Novel Spatial Effects in Planar Photonics Structures</b>	<b>ITh3J • Metamaterial Photonic Devices</b>
16:00–16:30	Networking Coffee Break, D Level Foyers									
	Joint BGPP/SOF	IPR	NP	NOMA	Sensors		SPPCom		NP	IPR
16:30–18:30	<b>JTh4A • Joint BGPP-SOF Session</b>	<b>ITh4B • Novel Devices and Applications</b> (ends at 18:15)	<b>NpTh4C • Nonlinear Plasmonics</b> (ends at 18:00)	<b>NoTh4D • Nonlinear Metasurfaces and Plasmonics</b>	<b>SeTh4E • Terahertz Sensing II</b> (ends at 18:15)		<b>SpTh4F • Real-time Processing and ASIC Design</b> (ends at 18:00)		<b>NpTh4G • Applications of Complexity</b>	<b>ITh4H • Novel Optical Sources and High Precision Photonics</b>

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