Program

Sunday 28 September

		Auditorium 10	Auditorium 11	Auditorium 12	Auditorium 15	B3 M1-4	B3 M5-8	B4 M1-4	B4 M5-8	B5 M1-4
07.30	**Registration opens**									
09.00-10.30		**WS1** What type of optical fibre will be deployed, When and Where?	**WS4** Reconfigurable, Adaptable and Intelligent Access Networks - Do we have real use cases?	**WS3** Which modulator technology will dominate in next-generation transceivers?	**WS2** AI-Driven Innovations in Photonic Device Design, Fabrication and Testing.	**WS5** Quantum Key Distribution: Advancements, Challenges and Real-World Implementation.	**WS6** Coherent optical transceiver for Free-Space Optic links: Commercial-off-the-shelf or custom designed?	**WS7** Open Optical Networks-as-a-Service for 6G and AI: Vision or Reality?	**WS11** Will photonics-enabled THz communication and sensing play a role in 6G?	
10.30-11.00	**Coffee break**									
11.00-12.30		**WS1 -continued** What type of optical fibre will be deployed, When and Where?	**WS4 -continued** Reconfigurable, Adaptable and Intelligent Access Networks - Do we have real use cases?	**WS3 -continued** Which modulator technology will dominate in next-generation transceivers?	**WS2 -continued** AI-Driven Innovations in Photonic Device Design, Fabrication and Testing.	**WS5-continued** Quantum Key Distribution: Advancements, Challenges and Real-World Implementation.	**WS6 -continued** Coherent optical transceiver for Free-Space Optic links: Commercial-off-the-shelf or custom designed?	**WS7 -continued** Open Optical Networks-as-a-Service for 6G and AI: Vision or Reality?	**WS11 -continued** Will photonics-enabled THz communication and sensing play a role in 6G?	
12.30-14.00	**Lunch**									
14.00-15.30		**WS8** Digital signal processing for optical fiber sensing		**WS10** High Symbol-rate Transceivers - how to get to the pinnacle of performance	**WS9** AI Interconnect Dilemma: Which Technology Is Doomed – VCSELs or Silicon Photonics?	**WS12** Is the access network ready to host quantum technologies?	**WS13** In-Building Networks: Ways to lower energy and cost per bit.	**WS14** Optical Networks and AI: do we need a brand-new infrastructure for AI, and can AI help run it?	**WS15** Is hollow-core fiber ready for 6G? - Technologies and Standards	
15.30-16.00	**Coffee break**									
16.00-17.30		**WS8- continued** Digital signal processing for optical fiber sensing		**WS10-continued** High Symbol-rate Transceivers - how to get to the pinnacle of performance	**WS9-continued** AI Interconnect Dilemma: Which Technology Is Doomed – VCSELs or Silicon Photonics?	**WS12-continued** Is the access network ready to host quantum technologies?	**WS13-continued** In-Building Networks: Ways to lower energy and cost per bit.	**WS14-continued** Optical Networks and AI: do we need a brand-new infrastructure for AI, and can AI help run it?	**WS15-continued** Is hollow-core fiber ready for 6G? - Technologies and Standards	
17.30-19.30	**Get-Together - Balcony 1-2**									

Program

Monday 29 September

	Plenary Aud 10,11+12	Auditorium 10	Auditorium 11	Auditorium 12	Auditorium 15	B3 M1-4	B3 M5-8	B4 M1-4	B4 M5-8	B5 M1-4
08.00	**Registration opens**									
9.30-12.00	Opening Ceremony									
12.00-13:30	**Lunch**									
13.30-15.00		Multicore and Fiber Sensing	Modulators 1	Heterogeneous integration	Green ICT I	SDM1	Scalable Quantum Photonics	DSP in Advanced Optical Access Networks	MmWave/ THz Photonic Processors	
15.00-15.30	**Coffee break**									
15.30-17.00		Network management evolution	Modulators 2	Optical computing	Green ICT II	SDM2	Optical Switching	Very High Speed Coherent PON	Fiber-Optic Sensing	Turbulen-ceresilient FSO Systems
17.00-19.00	**Welcome reception - Balcony 1-2**								**17:15 - 19:15** European Integrated Photonics Forum (EPIF)	

Program

Tuesday 30 September

	Plenary Aud 10,11+12	Auditorium 10	Auditorium 11	Auditorium 12	Auditorium 15	B3 M1-4	B3 M5-8	B4 M1-4	B4 M5-8	B5 M1-4
08:00	**Registration opens**									
09:00-10:30		Multiband and SDM Amplifiers	Photodiodes	Co-packaged optics	Optical and digital signal processing applications	Systems Modeling	Network Architecture Evolution	Optical Access Networks	Advanced Fiber Sensing Methods I	Indoor OWC
10:30-11:00	**Coffee break**									
11:00-12:30	**Exhibition only & Demo session in exhibition hall C**									
12:30-13:30	**Lunch**				**12.00-13.30** Josep Prat memorial session	**Lunch**				
13:30-15:00		New network architectures	Passive Components 1	PIC for free-space communication and sensing	100 Years of Bell Labs I	Submarine and long haul	Intensity-Modulation DirectDetection (IMDD) systems	Photonic switching and short-reach interconnects	Photonic Radars and LIDARs	Hybrid RF/FSO Systems
15:00-15:30	**Coffee break**									
15:30- 17:00		Hollow Core Fibers	Passive Components 2	Integrated transceivers	100 Years of Bell Labs II	Multi-band systems	Multiband Networks and Digital Twins	Metro-access and DCI networks	Advanced Fiber Sensing Methods II	Quantum Communi-cations: Routing, Co-existence and Field Trials
17.30-19.30										**Hack Your Research!** Tools and Tricks for Today's Tele-communi-cations Techies

Program

Wednesday 1 October

	Plenary Aud 10,11+12	Auditorium 10	Auditorium 11	Auditorium 12	Auditorium 15	B3 M1-4	B3 M5-8	B4 M1-4	B4 M5-8	B5 M1-4
08.00	**Registration opens**									
09.00-10.30		Effect of Coupling in SDM Fibers	PCSELs, VCSELs and EML	Low-power optical transmitters and receivers	Forward-error-correction	CV-QKD	Longitudinal Power Profile Monitoring I	Very High Speed Passive Optical Networks	FSO Channel Improvement	Advanced Photonic Technologies
10.30-11.00	**Coffee break**									
11.00-12.30	**Poster session**									
12.30-14.00	**Women in Photonics Lunch** In Tree-house	**Lunch**								
14.00-15.30		Reliable and secure optical networks	Lasers and Combs	Programmable and Tunable Photonics	**Celebrating Nobel Prize in Physics** - merging machine learning and photonics	HCF and wideband systems	Longitudinal Power Profile Monitoring II	Novel Passive Optical Networks	Satellite Communication	
15.30-16.00	**Coffee break**					**Coffee break**				
16.00-17:30		Open optical networks	Passive Components and Photodiodes	Advanced Quantum Communication Networks		Short haul DAS and photonicaided links	Optical signal processing	Optical short-reach interconnects	Short range OWC	
16.30	**Exhibition closed**									
18.30-24.00	**Conference Dinner - Langeliniepavillionen**									

Program

Thursday 2 October

		B1 M4	B2 M1-4	B2 M5-8	B3 M1-4	B3 M5-8	B4 M1-4	B4 M5-8	B5 M1-4	
08.00	**Registration opens**									
09.00-10.30		Amplifiers for Special Applications	Amplifiers and Heterogeneous Integration	Integration of novel materials	Machine Learning aided DSP and Optical Link Monitoring	Digital Twins and Photonics Networks	Devices for Quantum Communications and Interconnections	Fronthaul and cloud computing	DSP for coherent systems 1	
10.30-11.00	**Coffee break**									
11.00-12.30		Multi-band optical networks	Optical packaging	TF and DV QKD	Space Division Multiplexing	Environmental and seismic sensing	High speed and long haul	Terrestrial FSO	DSP for coherent systems 2	
12.30-14.00	**Lunch break**									
14.00-15.30		PD - Session	PD - Session	PD - Session						
15.45-16.30				**Closing Ceremony**						