	11 Monday
13:30	**Admin**
14:00	**Opening**
14:10	***P Prucnal***
14:20	
14:30	*Photonics for Neuromorphic Computing*
14:40	
14:50	***D Brunner***
15:00	
15:10	*Towards more neuromorphic photonic neural networks for scalability and efficiency*
15:20	
15:30	**S Massar**
15:40	
15:50	*Photonic Neuromorphic Computing based on Frequency Multiplexing*
16:00	
16:10	**D Wiersma**
16:20	*Intelligent Photonic Materials*
16:30	**S Stobbe**
16:40	*Nanoelectromechanical silicon photonics as a platform for neuromorphic and programmable photonics*
16:50	
17:30	Miramar
18:30	

	12 Tuesday
9:00	***D Psaltis***
9:10	
9:20	*Leanring in optical neural networks*
9:30	
9:40	***A Hurtado***
9:50	
10:00	*Photonic Spiking Neurons and Spiking Neural Networks*
10:10	
10:20	**M Leonetti**
10:30	*Optical computation of a spin glass dynamics with tunable complexity*
10:40	**MI Vasilevskiy**
10:50	*Mueller matrix polarimetry supported by machine learning for urban objects classification*
11:00	Coffee
11:40	***J Rho***
11:50	
12:00	*Inverse design and forward modeling in nanophotonics using deep learning*
12:10	
12:20	***R Zambrini***
12:30	
12:40	Photonic Quantum reservoir computing
12:50	
13:00	Lunch on your own
15:10	***T Bocklitz***
15:20	
15:30	*AI for data modelling of photonic data and inverse modelling of photonic measurement processes*
15:40	
15:50	***G Volpe***
16:00	
16:10	*Deep learning to enhance microscopy*
16:20	
16:30	Coffee
17:10	**M Jezek**
17:20	*Deep learning aided design and characterization for quantum photonics*
17:30	**M Frising**
17:40	*Artificial Intelligence enabled inverse design of Purcell enhancement*
20:00	Txirrita

	13 Wednesday
9:40	***D Rontani***
9:50	
10:00	*Large-scale photonics networks for multimedia signal processing*
10:10	
10:20	**S Lee**
10:30	*Artificial intelligence-enhanced metasurfaces for the instantaneous measurement of dispersive refractive index*
10:40	**D Osuna**
10:50	*An optimised Distributed Bragg Reflector designed by artificial intelligence for multi-layered radiative cooling metamaterials*
11:00	Coffee
11:40	***S Gigan***
11:50	
12:00	*Exploiting multiple scattering of light for computing*
12:10	
12:20	***D Pierangeli***
12:30	
12:40	*Photonic machines for large-scale machine learning and light analysis*
12:50	
13:00	Lunch on your own
15:10	***M Soriano***
15:20	
15:30	*Time-multiplexed photonic systems for information processing*
15:40	
15:50	***W Pernice***
16:00	
16:10	*Photonic neural networks with synaptic and stuctural plasticity*
16:20	
16:30	Coffee
17:10	**A Rao**
17:20	*Machine Learning for Nanoparticle Synthesis: Transitioning From 'How to Make Things' to 'How Things are Made'*
17:30	**M Grzelczak**
17:40	*Real-time prediction of structural parameters in plasmonic nanocrystals*

	14 Thursday
9:00	***L Larger***
9:10	
9:20	Emulating recurrent neural network processors through nonlinear optoelectronic delay oscillators
9:30	
9:40	Jaime Bueno - *Multiparametric optimization of near and far field plasmonic effects for optimal all-perovskite tandem solar cells*
9:50	Cherry Park - *Demultiplexing Distorted OAM by Optical Neural Network*
10:00	Dominik Vasinka - *Device-Independent Single-Emitter Imaging with Deep Learning*
10:10	Mykhailo Flaks - *Physics-informed neural networks for solving inverse problems in magnetometry*
10:20	Tomasz Szoldra - *Femtosecond pulse parameter estimation from photoelectron momenta using machine learning*
10:30	Maximilian Weimar - *Fisher information flow through deep neural networks*
10:40	Hamed Tari - *Realizing Flexible Hybrid Neuromorphic Architectures Through Coupling of Surface Plasmon Polariton Waveguides Using Addressable Solitonic Channels*
10:50	Pedro Moronta - *Coupling random lasers for neural networks*
11:00	Coffee
11:40	Martin Bielak - *Deep-learning aided microendoscopic all-fiber polarization sensing*
11:50	Moritz Pfluger - *Experimental multi-bit header recognition using step-index fibers*
12:00	Oliver Neill - *Gradient-Free Optimisation of Photonic Neural Networks*
12:10	Federico Massarelli - *Nonlinear optical materials for cryptography and photonics*
12:20	**Farewell**