

Location: Chancellor's Building - room 4.1, University of Bath, Claverton Down Campus, Bath
Talk and question times: 30 min talks are 25+5; 15 min talks are 12+3

Day: 28th March (Wednesday)

09:15-09:45	Coffee, tea, cakes, discussions	
09:45-10:15 Chair:Skryabin	W. Firth, Strathclyde, UK	Cavity solitons: An overview
10:15-10:45	M. Giudici, Nice, FR	Temporal localized structures in passively mode-locked semiconductor laser
10:45-11:15	D. Krizhanovskii, Sheffield, UK	Solitons, nonlinear patterns and photon statistics in polariton systems
11:15-11:45	P.Lagoudakis, Southampton, UK	Controlling interactions in polariton lattices: towards polariton simulators
11:45-12:15	R. Nyman, Imperial, UK	Bose-Einstein condensation of just a few photons
12:15-13:30	Lunch, organised (Wessex restaurant, Wessex House, 2 nd floor)	
13:30-14:00 Chair:Gorodetsky	I. Breunig, Freiburg, DE	Second-order nonlinearities in whispering gallery resonators: towards frequency-comb generation
14:00-14:30	F. Leo, Brussels, BE	Frequency comb generation from quadratic media
14:30-15:00	M. Bache, DTU, DK	Ultrafast nonlinear optics in fibers and integrated waveguides
15:00-15:30	B. Kuyken, Ghent, BE	Silicon nitride waveguides
15:30-16:00	T. Kippenberg, Lausanne, CH	Dissipative Kerr solitons in optical microresonators
16:00-16:20	Coffee	
16:20-16:50 Chair:Kudlinsky	T. Hansson, Brescia, IT	Dynamics of frequency comb generation in nonlinear microresonators
16:50-17:05	H. Wen, Oxford, UK	Phase synchronization of dissipative Kerr solitons
17:05-17:20	M. Chernysheva, Aston, UK	Quasi-lossless ultra-long mode-locked Erbium-doped fibre laser
17:20-17:35	F. Copie, NPL, UK	Modulation instabilities in dispersion oscillating passive fibre-ring cavities
17:35-18:05	G. Genty, Tampere, FI J. Dudley, Besancon, FR	Real-time characterisation of ultrafast dissipative soliton dynamics in a mode-locked laser
19:00	Dinner: Browns Bath Old Police Station, Orange Grove, Bath, BA1 1LP https://www.browns-restaurants.co.uk/restaurants/southwest/bath	

Day: 29th March (Thursday)

09:00-09:30	Coffee, tea, cakes, discussions	
09:30-10:00 Chair: Genty	M. Sumetskii, Aston, UK	Surface nanoscale axial photonics - SNAP
10:00-10:15	D. Vitullo, Aston, UK	Tuneable SNAP Microresonators via Targeted Differential Heating
10:15-10:30	C. Milian, ICFO, ES	Two dimensional cavity solitons in a cylindrical micro-resonator
10:30-10:45	B. Malomed, TAU, IL; ITMO, RU	Localized solutions of Lugiato-Lefever equations with focused pump
10:45-11:15	A. Pasquazi, Sussex, UK	Micro-comb generation in filter driven four-wave mixing lasers
11:15-11:45	P. Del'Haye, NPL, UK	Spontaneous symmetry breaking and nonreciprocity of the Kerr effect in microresonators
11:45-12:15	C. Koos, Karlsruhe, DE	Chip-scale frequency combs and photonic integrated circuits — tools for optical communications and metrology
12:15-13:30	Lunch, organised (Wessex restaurant, Wessex House, 2 nd floor)	
13:30-14:00 Chair: Mussot	V. Couderc, Limoges, FR	Nonlinear spatial Kerr beam self-cleaning in multimode fibers: example of applications
14:00-14:30	F. Belli, Heriot-Watt, UK	Nonlinear optics with high-energy ultrashort lasers and gas-filled hollow-core fibers
14:30-15:00	M. Friedman, Bar-Ilan, IL	Ultrafast rogue waves
15:00-15:30	J. Fatome, Dijon, FR	Polarization domain-walls as bit-entities in optical fibers and Kerr resonators
15:30-16:00	M. Gorodetsky, Moscow, RU	Soliton Kerr-microcombs with ordinary laser diodes
16:00-16:20	Coffee	
16:20-16:50 Chair: Milian	B. Kibler, Dijon, FR	New experiments on modulation instability and related spectral combs in conservative and dissipative nonlinear fiber systems
16:50-17:20	A. Mussot, Lille, FR	Experimental evidence of the symmetry breaking of the Fermi Pasta Ulam recurrence in optical fibres
17:20-17:35	A. Kudlinsky, Lille, FR	Dispersive wave emission from dark solitons in optical fibers
17:35-17:50	D. Skryabin, Bath, UK	Cherenkov radiation traps its parent soliton and locks the comb
	Dinner, not organised	