

Wednesday 25th September

10h	welcome coffee
10h30	Welcome talk
10h50	<u>Charbel Khallouf</u> , Dual femtosecond pumping supercontinuum generation in a highly doped silica glass integrated waveguide
11h10	<u>Victor Turpaud</u> , Efficient mid-infrared supercontinuum generation using industrial-scale silicon-compatible 200mm wafers
11h30	<u>Annabelle Bricout</u> , Chirped Bragg gratings for on-chip pulse compression
11h50-12h30	Erwan Lucas (invited Talk), Kerr comb generation in photonic crystal ring resonators: a novel phase-matching toolbox
12h30-14h	Lunch
14h-14h40	Cathie Ventalon (invited Talk), A novel endoscope for recording neuronal activity in deep brain regions of freely-behaving animals
14h40	<u>Genchi Luca</u> , Characterization of tapered multicore fibers for lensless endoscopy
15h	<u>Rodrigues De Paula Alisson</u> , A straightforward ultrafast single-shot imaging technique through opto-acoustic shaping of short pulses and hyperspectral technology
15h20	<u>Debanuj Chatterjee</u> , Time-multiplexed electro-optic modulation for enhanced signal to noise ratio and recording speed in dual frequency comb spectroscopy
15h40	<u>Pierre Colman</u> , Efficient Control of Photonic Systems Using Modal Interference and Floquet-Bloch Theory
16h-16h30	Coffee break - poster session - industrial exhibition
16h30	Philippe Lalanne (invited Talk), Electromagnetic resonances: mode volume and related effects
17h10	<u>Antoine Lemoine</u> , Linear and nonlinear characterization of vertical orientation-patterned gallium phosphide waveguides for second harmonic generation
17h30	<u>Yijun Yang</u> , Multiple dispersive wave generation in silicon nitride waveguide
17h50	<u>Jayantha Ayesha</u> , Silicon-rich silicon nitride waveguides with ICP-CVD enables Generation of supercontinuum
19h30	Diner at "Café du port"

Poster list

<u>Oumaima Ougrige</u> , Entirely Fiber-Constructed Mamyshev Oscillator Configuration
<u>Miguel Sandoval</u> , High Q-Factor Achievements in Mid-IR Integrated Micro Ring Resonators on SiGe-on-Silicon Platforms
<u>Christophe Finot</u> , Modelling the spectro-temporal evolution of a frequency comb in a nonlinear optical fibre with a feedforward neural network
<u>Arnaud Poisson</u> , On-demand modal distributions in nonlinear multimode fibers
<u>Zijun Xiao</u> , Optical nonlinear properties in carbon nanotubes-on-silicon nanostructures
<u>Haftamu Berhe</u> , Stability of Active Temporal Cavity Solitons under High-Power Extraction Regime
<u>Ilyes Betka</u> , THz radiation generation from polariton parametric scattering in a LiNbO3 waveguide
<u>Vincent Fortin</u> , Quasi-Phase Matching of Third Order Nonlinear Processes by Direct Laser Writing
<u>Ribal Beyrouti</u> , Impression 3D assistée par laser de composantes photoniques

Thursday 26th September

8h30	<u>Amadou Diallo</u> , High-energy pulse self-compression and DUV generation through soliton dynamics in gas-filled hollow-core fibers
8h50	<u>Bourcier Germain</u> , Technological locks of nonlinear fiber Fabry-Perot resonators
9h10	<u>Arnaud Mussot</u> , Dual frequency Comb generation in high quality factor Fiber Fabry-Perot Resonators
9h30	<u>François Copie</u> , Dynamic manipulation of solitons in optical fiber using arbitrary shaped trapping potentials in a recirculating loop
9h50	<u>Tristan Guezennec</u> , Performances and noise dynamics of a normal dispersion fiber optical parametric chirped pulse oscillator
10h10-11h	Coffee break - poster session - industrial exhibition
11h	Award ceremony EXAIL-GDR ELIOS
11h10	Industrial Session
12h-14h	Lunch
14h-14h40	Govind P. Agrawal (invited Talk), Multimode Nonlinear Fiber Optics.
14h40	<u>Loïc Fache</u> , Nonlinear evolution of a soliton gas in an optical recirculating fiber loop
15h	<u>Corentin Simon</u> , High brightness coherently driven active fiber cavity soliton crystals by optical gain clamping
15h20	<u>Arnaud Viry</u> , Femtosecond Mamyshev oscillator at 915 nm using Nd ³⁺ -doped PM fibers
after the meeting	LP2N / Alphanov visits (upon registration)