

The FEMTO-ST student chapter, in collaboration with PhD students from ICB (Dijon) are delighted to announce the 2019 edition of its annual Photonics Day seminar series.

8:30 Coffee & Croissants

9:10 Welcome Remarks

9:15 Plasmonic saturable absorber and oscillating dissipative solitons.

Dr. Aurelien Coillet (ICB, Dijon, France)

10:00 Interaction of femtosecond Bessel beams with fused silica: Numerical simulation

Dr. Kazem Ardaneh (FEMTO-ST Institut, Besançon, France)

10:20 Coffee Break

10:40 Aurea Technology : PHD to Deep Tech Company in Quantum Technologies

Dr. Johann Cussey (AUREA Technology, Besançon, France)

11:25 PPLN ridge waveguide for frequency conversion of high power CW beams

M. Vincent Pecheur (FEMTO-ST Institut, Besançon, France)

11:45 Investigating hot electrons remote excitation and their harvest with a semiconductor

M. Romain Hernandez (ICB, Dijon, France and Politecnico di Milano, Milano, Italy)

12:00 Lunch

13:00 Poster Session

14:00 Plasmonic based on optical spin-orbit interaction

Dr. Thierry Grosjean (FEMTO-ST Institut, Besançon, France)

14:45 Quantifying single nanorod magnetic dipole emission by Fourier microscopy

M. Reinaldo-Augusto Chacon-Hevia (ICB, Dijon, France)

15:05 “Smart lasers”: Development of laser sources integrating optimized operation via learning process

M. Jérémie Girardot (ICB, Dijon, France)

15:30 Lab Tour

16:30 Closing Remarks

Free registration

<https://www.femto-st.fr/fr/L-insut/evenements/photonics-day-2019>