



NanoSaclay
Laboratoire d'Excellence
en Nanosciences et Nanotechnologies

université
PARIS-SACLAY

ICQOQS Workshop
**Integrated Quantum Optics and
Quantum Simulation**

May 16th 2019
Centre de Nanosciences et de Nanotechnologies

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|-------|--|
| 9h30 | <i>Welcome – Coffee</i> |
| 10h00 | Orbital angular momentum bistability in a microlaser Philippe St Jean |
| 10h30 | Phonon engineering in GaAs/AlAs resonators Omar Ortiz |
| 11h00 | Superposition of causal orders : Quantum control of noisy channels Lorenzo Procopio |
| | <i>Coffee break</i> |
| 12h00 | Controllable movement of single photon source in 3D magneto-photonic structures Thi Huong Au |
| 12h30 | On the brightness of single photon sources Hélène Ollivier |
| | <i>Lunch</i> |
| 14h30 | Time-frequency encoded single-photon sources and broadband quantum memories Ilan Shlesinger |
| 15h00 | Measurement back-action induced by a single spin on a single photon Clement Millet |
| 15h30 | Exploring stochastic thermodynamics with polariton microcavities Nicola Zambon |
| | <i>Coffee break</i> |
| 16h30 | Interfacing scalable photonic platforms: multi-photon interference in a reconfigurable chip Carlos Anton |
| 17h00 | Topological concepts in nanoacoustics Martin Esmann |

Free entrance – Registration mandatory before May 12th [here](#)

