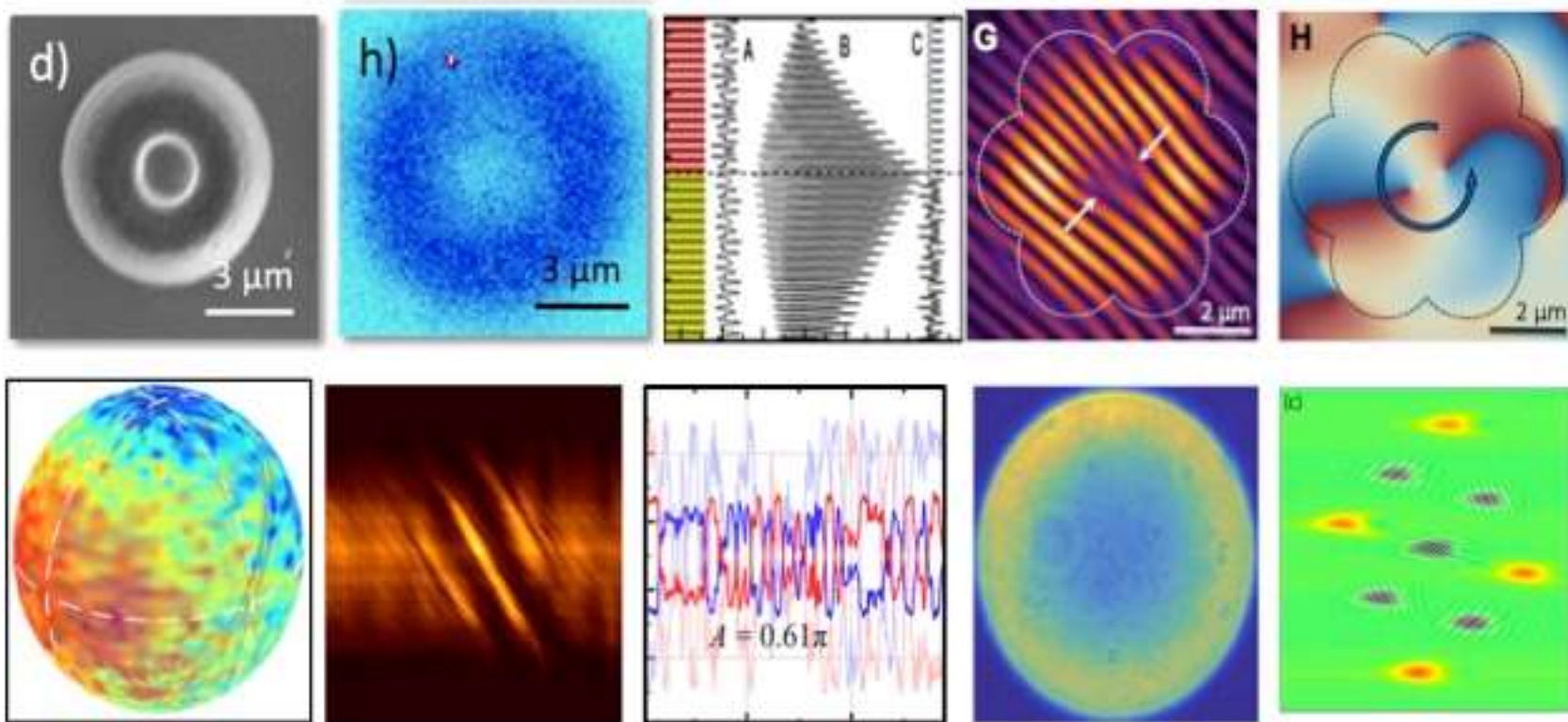


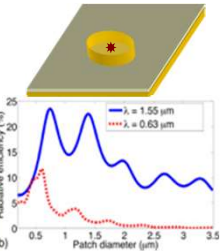
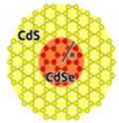
On Chip Quantum Optics and Quantum Simulation

ICQOQS - Final Workshop



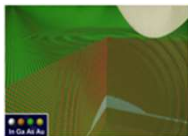
Consortium

GEMAC
J.P. Hermier

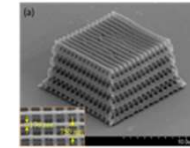


IOGS
J.J. Greffet
A. Browaeys

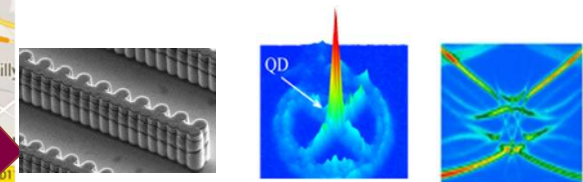
IEF
S. Sauvage



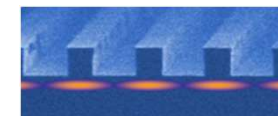
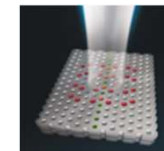
LPQM
N.D. Lai



LPN
GOSS – P. Senellart



LPN
NANOPHOTONIQ– A. Levenson



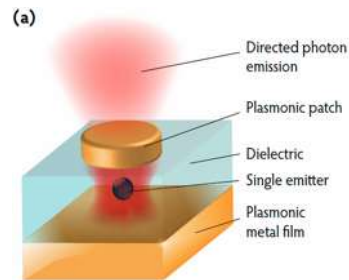
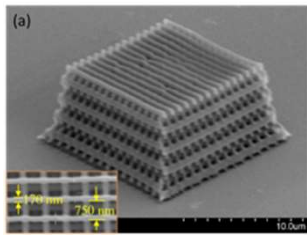
Research lines

Quantum optics with single emitters
and single spins

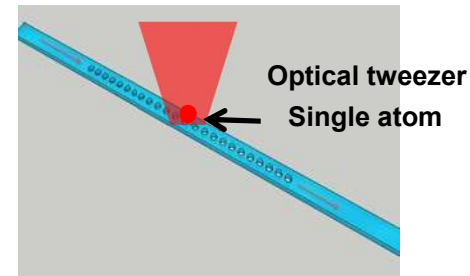
Integrated quantum optics and
quantum simulation

Quantum optics with single emitters and single spins

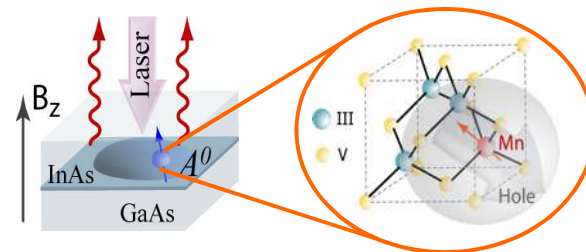
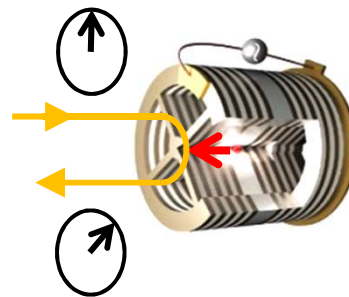
Bright quantum light sources



Atom-photon interfaces

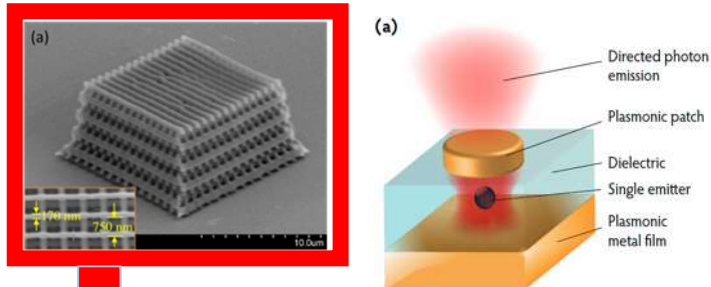


Spin-photon interfaces

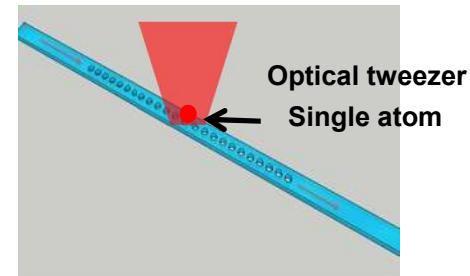


Quantum optics with single emitters and single spins

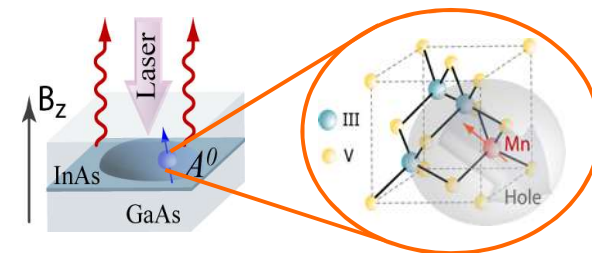
Bright quantum light sources



Atom-photon interfaces



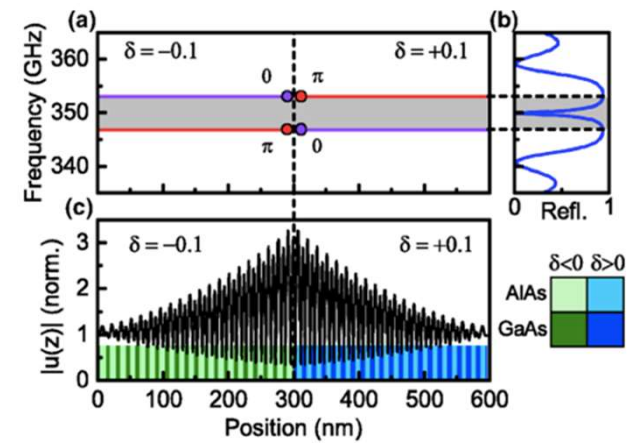
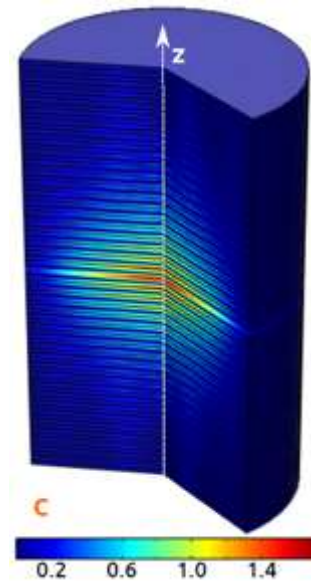
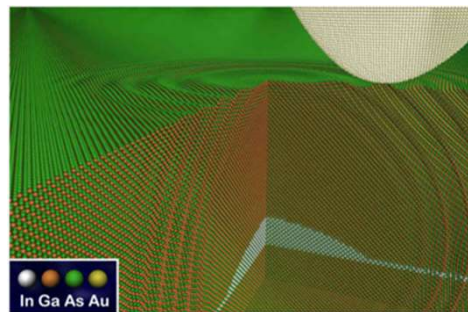
Spin-photon interfaces



Thi Huong Au's talk

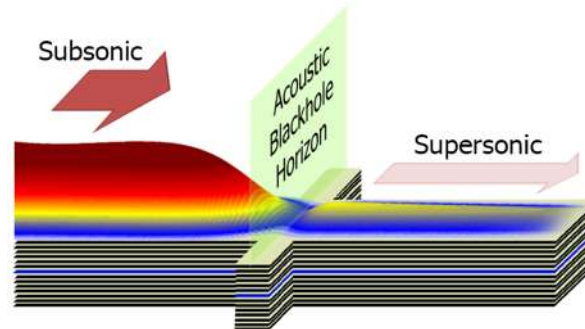
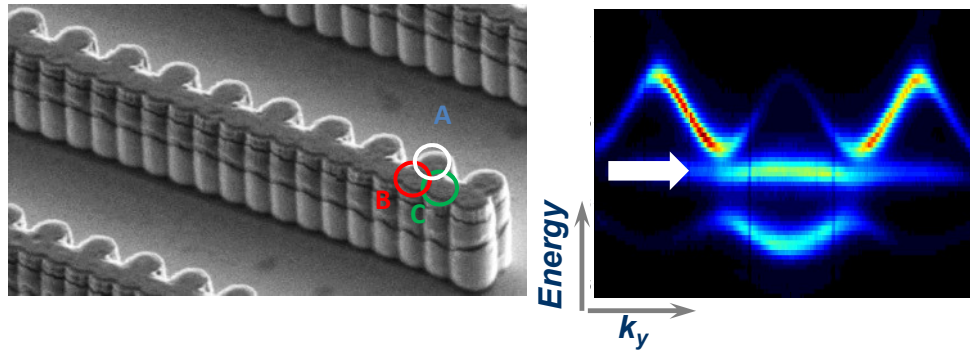
Quantum optics with single emitters and single spins

Controlling and understanding phonon decoherence



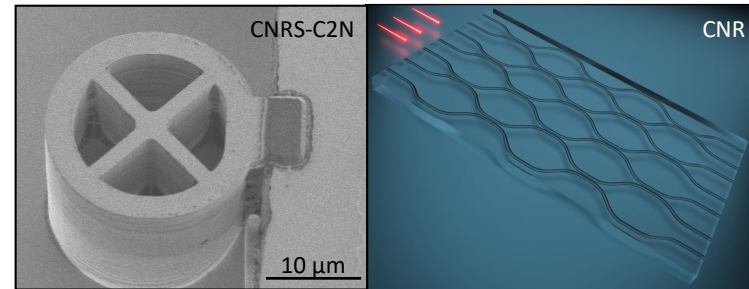
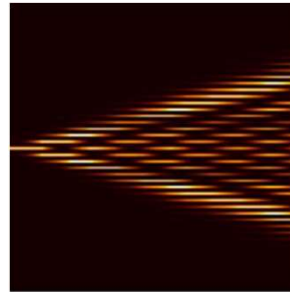
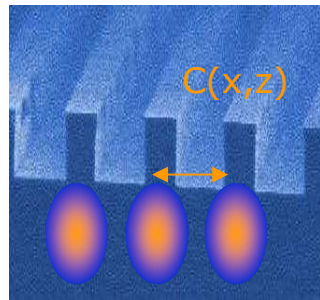
Integrated quantum optics and quantum simulation .

On chip optical simulation

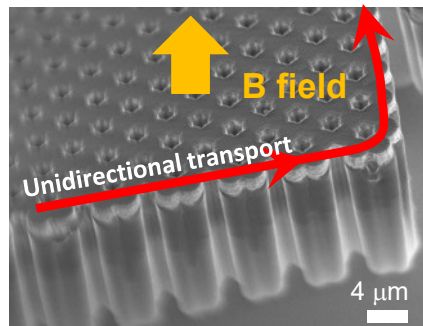


Integrated quantum optics and quantum simulation .

On chip linear manipulation of quantum light.



On chip non-linear light manipulation



Philippe St Jean's talk

