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| Program | Les Houches | Quantum and | Optics Nanophotonics |
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|-------------|-----------|--|-----------------------------|-----------------------|-------------|
| August 2013 | | 9h-10h30 | 11h-12h30 | 16h-17h | 17h30-19h |
| Monday | 5 | Arrival | Arrival | Arrival | Arrival |
| | 6 | 9h-9h30 : Welcome 9h30-11h : Kimble 1 | 11h30-12h30 : Vuckovic 1 | Students presentation | Steinberg 1 |
| | 7 | Greffet 1 | Kimble 2 | Students presentation | Steinberg 2 |
| | 8 | Greffet2 | Kimble 3 | Vuckovic 2 | Steinberg 3 |
| | 9 | Leuchs 1 | Vuckovic 3 | Kimble4 ->17h30 | Poster |
| | 10 | | | | |
| | 11 | | | | |
| Monday | 12 | Vuckovic 4 | Greffet 3 | S. Götzinger | Barnett 1 |
| | 13 | Greffet 4 | Barnett 2 | B. Lounis | Leuchs 2 |
| | 14 | Barnett 3 | Leuchs 3 | J. O'Brien | Poster |
| | 15 | Greffet 5 | Leuchs 4 | J.M. Gérard | Barnett 4 |
| | 16 | Barnett 5 | Leuchs 5 | | Greffet 6 |
| | 17 | | | | |
| | 18 | | | | |
| Monday | 19 | Painter 1 | Orrit 1 | P. Lodahl | Poster |
| | 20 | Orrit 2 | Painter 2 | | Reynaud 1 |
| | 21 | Orrit 3 | Reynaud 2 | F. Jelezko | Painter 3 |
| | 22 | Painter 4 | Reynaud 3 | | |
| | 23 | Orrit 4 | Painter 5 | | P. Torma |
| | 24 | | | | |
| | 25 | | | | |
| Monday | 26 | Leonhardt 1 | Grangier 1 | Lukin 1 | Poster |
| | 27 | Leonhardt 2 | Lukin 2 | P. Hommelhoff | Grangier 2 |
| | 28 | Lukin 3 | Leonhardt 3 | | Lukin 4 |
| | 29 | Leonhardt 4 | Grangier 3 | | Lukin 5 |
| | 30 | departure | | | |

5 lectures, S. Barnett, Quantum information
3 lectures, P. Grangier, Quantum optics with Continuous Variables
6 lectures J.J. Greffet, basics of near field optics and plasmonics
4 lectures J. Kimble, cavity QED basics, quantum networks, CQED with trapped atoms
3 lectures, S. Reynaud, Casimir forces
4 lectures, U. Leonhardt, metamaterials
5 lectures G. Leuchs, basics of quantum optics
5 lectures, M. Lukin, quantum effects in ensembles, NV centers
4 lectures, M. Orrit, single molecule optics
5 lectures O. Painter, nanofabrication, photonic crystals, optomechanics
3 lectures, A. Steinberg, Quantum measurements
4 lectures J. Vuckovic, quantum optics with quantum dot

Seminars :

J.M. Gérard

Quantum optics with photonic nanowires and photonic trumpets : basics and applications

S. Götzinger

Steering and controlling single photons with single molecules

P. Hommelhoff

Nano-optics meets strong field physics -- attosecond phenomena at metal tips

F. Jelezko

Quantum optics in diamond

P. Lodahl

Quantum optics in photonic-crystal waveguides and cavities

B. Lounis

Optical detection and spectroscopy of individual nano-objects

J. O'Brien

Integrated quantum photonics

A. Rauschenbeutel

Trapping and Interfacing Cold Neutral Atoms Using Optical Nanofibers

P. Torma

Strong coupling phenomena in nanoplasmonics