

NICE QUANTUM OPTICS

Tuesday 13th November 2012

INLN, Sophia-Antipolis

1361 routes des Lucioles, Valbonne

9h00 : Welcome Session

9h15 : Sébastien TANZILLI : Entanglement enabled
delayed choice experiment

10h30 : Johan OTT: Cooperative Fluorescence
Phenomena by Strongly Driven Atoms

11h15 : Alessandra GATTI: X-entanglement, the
non-factorable spatiotemporal correlation of twin
photons generated by parametric down-conversion

13h45 : Experiment Tour

15h00 : Nicolas TREPS: Direct multimode entanglement
generation with optical frequency combs

15h45 : Philippe BOUYER : MIGA, an underground
matter-wave antenna for gravitation experiments

16h30 : Coffee Break/Discussion

17h : François IMPENS : Coherent atom optics in
presence of quantum fluctuations

17h45 : Farewell Session

PEPS 2012 : Physique Théorique et ses Interfaces

Organisers :

François Impens, Walid Chaibi (ARTEMIS)

Armando Domiciano (LAGRANGE)

Sébastien Tanzilli, Olivier Alibart, Anders Kastberg (LPMC)

Guillaume Labeyrie, Giovanna Tissoni, Robin Kaiser (INLN)

