

# Colloquium Nanophotonique

**Intriguing chemists and upsetting  
computer scientists using light and mirrors**

**Andrew White**

*Centre for Engineered Quantum Systems*

*School of Mathematics and Physics, University of Queensland*

*Brisbane, Australia*

Quantum information is the lovechild of quantum physics and computer science. In this talk we look at the science of quantum information: what it is and isn't; why biologists, chemists, mathematicians and physicists might be interested in it; and where we are today.

[1]. B. P. Lanyon et al., Nature Chemistry 2, 106 (2010).

[2]. M. A. Broome, et al., Science 339, 794 (2013).

AUDITORIUM  
Institut d'Optique  
2 Av Fresnel, 91127 Palaiseau

**Vendredi 14 février 2014 à 11h**