



June 4th 2026 8:30am to 6:30pm

HONORING PHILIPPE GRANGIER

FROM SINGLE PHOTONS TO CONTINUOUS VARIABLES
40 years of advances in quantum optics

Honoring Philippe Grangier From single photons to continuous variables 40 years of advances in Quantum optics

- 8h30** Welcome coffee
- 9h15** **Welcome speeches**
Rémi Carminati, General Director of IOGS
Thierry Dauxois, Director of CNRS physics institute (tbc)
- 9h30** **Alain Aspect**
Presentation of the day and the career of Philippe Grangier
- 10h00** Video : Squeezed states at Bell Labs
- 10h15** **First scientific session: Quantum optics: from squeezing to QND measurements**

Chairman: **Jean-Philippe Poizat**
Luigi Lugiato, **Serge Reynaud**, **Alice Sinatra**
- 11h20** Coffee break
- 11h30** **Second scientific session : Quantum Cryptography and communications**
Chairman: **Frédéric Grosshans**
Nicolas Cerf (tbc), **Eleni Diamanti**, **Alexei Ourjoumtsev**
- 12h35** **Session on Artificial Intelligence in scientific practices**
Chairman: **Anthony Leverrier**
Olivier Ezratty
AI in Quantum Sciences and Technologies
- 13h05** Lunch



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- 14h00** **Third scientific session: Single emitters and quantum simulations**
Chairman : **Christophe Salomon**
Jean-François Roch, Georges Olivier Reymond et Nicolas Schlosser,
Antoine Browaeys (Video)
- 15h00** **First round table: Structuring the Quantum Community in France and Europe**
Chairman: **Thierry Debuisschert**
Tommaso Calarco, Oscar Diez, H el ene Perrin, Pascale Senellart,
- 16h00** coffee break
- 16h30** **Second round table: Reflections on the foundations of Quantum Mechanics**
Chairman: **Michel Le Bellac**
Alexia Auff eves, Mathias Van Den Bossche, Franck Lalo e, Herv e Zwirn
- 17h15** Keynotes by **Serge Haroche**
- Closing remarks: **Philippe Grangier**