

50th anniversary of
Alfred Kastler's Nobel Prize

Kastler *Symposium*

December 1st 2016

Jean Jaurès Conference Hall
Paris, 29 rue d'Ulm, 9 am - 6 pm

Information and registration:
<https://kastler2016.sciencesconf.org>

Program

9:00 am-9:15 am	Welcome coffee
9:15 am-9:30 am	Antoine Heidmann - Director of Laboratoire Kastler Brossel (France) <i>A perspective on the legacy of Kastler's work</i>
Morning session	Chairman: William Phillips - NIST (USA) (Jean Jaurès Conference Hall – underground)
9:30 am-10:15 am	Daniel Kleppner - MIT Cambridge (USA) <i>The luminous world of Alfred Kastler</i>
10:15 am-11:00 am	Tilman Esslinger - ETH Zurich (Switzerland) <i>The appeal of quantum gases</i>
11:00 am-11:30 am	Coffee break (Espace Ferry – ground floor)
11:30 am-12:15 am	Luiz Davidovich - U. Federale de Rio de Janeiro (Brazil) <i>Quantum reservoir engineering: dissipation as a resource</i>

Afternoon session	Chairman: Serge Haroche - Laboratoire Kastler Brossel (France) (Jean Jaurès Conference Hall – underground)
2:00 pm-2:45 pm	Pascale Senellart - C2N - CNRS / U. Paris-Sud (France) <i>Manipulating single atoms and photons in the solid-state</i>
2:45 pm-3:30 pm	Dmitry Budker - U. Mainz (Germany) / U.C. Berkeley (USA) <i>Optical magnetometry in the lab, in the field, and in the sky</i>
3:30 pm-4:00 pm	Coffee break (Espace Ferry – ground floor)
4:00 pm-4:45 pm	Jim Wild - U. Sheffield (UK) <i>Magnetic resonance imaging of laser polarised gases – experiences with ^3He and ^{129}Xe</i>
4:45 pm-5:30 pm	Jun Ye - JILA Boulder (USA) <i>Follow the Kastler creed: finding things out optically</i>
5:30 pm-6:00 pm	Marie-Anne Bouchiat and Claude Cohen Tannoudji <i>A few personal recollections</i>

