

## Serge Haroche



Serge Haroche, born in 1944, is Professeur Emeritus at the Collège de France and member of the French Academy of Sciences.

He has graduated from Ecole Normale Supérieure (ENS), getting his PhD in physics in 1971. He has been Professor of Physics at Paris VI University (1975-2001) and Professor at the Collège de France from 2001 to 2015. He has been Administrateur (i.e. President) of this Institution from 2012 to 2015. Serge Haroche's research has taken place in the laboratory Kastler Brossel of ENS.

His research activities are in atomic physics and quantum information science. He has been a pioneer in Cavity Quantum Electrodynamics, the domain of quantum optics which studies the behaviour of atoms interacting with the field confined in a box made of highly reflecting mirrors.

Serge Haroche has received many prizes and awards, including the gold medal of the Centre National de la Recherche Scientifique (2009) and the 2012 Nobel Prize in physics.