

## **Biography**

Jean-Jacques Greffet is an alumni of Ecole Normale Supérieure de Cachan (1979-82). He obtained a PhD in 1988 from university Paris-Sud Orsay in 1988 in solid state physics and the Habilitation in 1992. Jean-Jacques Greffet was a professor at Ecole Centrale Paris between 1994 and 2008. He is currently professor at Institut d'Optique, Université Paris Sud and a senior member of Institut Universitaire de France. He has made a number of contributions in light scattering by random systems. Between 1994 and 2005, he worked on the theory of image formation in near-field optics. Since 1998, he made a number of contributions in the field of thermal radiation at the nanoscale including the demonstration of coherent thermal sources, imaging of electromagnetic local density of states and radiative heat transfer at the nanoscale. His current research interests include nanophotonics (nanoantennas, quantum plasmonics) and the design of smart IR incandescent sources. He has coauthored 160 refereed papers with more than 5000 citations.