

Short CV of Prof. Vincent Josse

Studies and positions

2012 Membre junior de l'Institut Universitaire de France (IUF)

2005-.... Assistant professor / Maître de conférence at Institut Optique Graduate School

Oct 2004- Jan 2005 Post-doctoral fellow at LENS (Florence, Italy) in the group of Pr. Massimo Inguscio

Jan. 2004- Sept. 2004 Post-doctoral fellow at the Max Planck Insitut for Light (Erlangen, Germany) in the group of Pr. Gerd Leuchs

2000-2003 PhD thesis at the Laboratoire Kastler Brossel (ENS Paris) in the Quantum Optics group. Supervision by E. Giacobino (DR, CNRS)

1999-2000 Military service in the Atom Optics group at the Institut d'Optique

1996-1999 General education in physics at the Ecole Normale Supérieure (ENS Paris) (admission in mathematics)

Research interests

Quantum transport disordered ultracold atoms; Anderson localization; atom lasers.

Selected publications

1. Measurement of spectral functions of ultracold atoms in disordered potentials, V. Volchkov, et al., Phys. Rev. Lett. 120, 060404 (2018).
2. Suppression and Revival of Weak Localization through Control of Time-Reversal Symmetry, K. Müller et al., Phys. Rev. Lett. 114, 205301 (2015).
3. Coherent Backscattering of Ultracold Atoms, F. Jendrzejewski et al., Phys. Rev. Lett. 109, 195302 (2012).
4. Three-dimensional localization of ultracold atoms in an optical disordered potential F. Jendrzejewski et al., Nature Physics 8, 398-403 (2012).
5. Direct observation of Anderson localization of matter-waves in a controlled disorder, J. Billy et al., Nature 453, 891 (2008).