Valentina Krachmalnicoff is a CNRS researcher at Institut Langevin, Paris, France since 2012. After performing her studies at University of Florence, Italy, in 2005 she moved to France for a PhD on quantum optics experiments with matter waves and Bose-Einstein condensates of metastable Helium atoms in the team lead by Alain Aspect and Chris Westbrook (LCFIO, Palaiseau, France). After her PhD she performed a post-doc in nanophotonics at Institut Langevin, Paris, France in the team lead by Rémi Carminati and Yannick De Wilde and she was hired as a permanent researcher in the same laboratory in 2012. In 2017 she obtained the Bronze Medal of the CNRS for the originality of her research on the super-resolved near-field mapping of the LDOS and on the energy transfers between fluorescent nanoemitters mediated by surface plasmons. Her PhD research was also recognized in 2007 by the L'Oreal-Unesco "Pour les femmes et la Science" award for PhD students. She has a recognized expertise on nanophotonics, near-field optics, single-molecule microscopy, energy transfer effects involving near-field interactions, with more than 30 articles published in the last 10 years in high impact factor reviews such as Nature, PRL, Light: Science & Applications, ACS Photonics, Optica, and 2 patents. She has developed ultra-high sensitivity optical detection methods allowing super-resolved imaging of the fluorescence decay rate, and thus electromagnetic local density of states (LDOS), in nanostructured environments, and unique skills in nanomanipulation. Her research topics attract the attention of the scientific community with an increasing number of invited talks in international conferences (2 to 3 per year in the last 7 years, including NFO16, Victoria, Canada 2020). Her publications have more than 2000 citations.