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Short biography



After a degree in physics at Ecole Normale Supérieure (ENS-Paris) and a PhD at University Pierre and Marie Curie (UPMC-Paris 6), Fabrice Vallée joined the CNRS in 1984. He worked at the Ecole Polytechnique on nonlinear optics, short pulse lasers technology, and time resolved spectroscopy of solids and nano-systems. In 2000, he moves to the University of Bordeaux where he created a new research group on nanophysics, and became Director of the CPMOH Research Institute in 2002. Since 2007, he leads the FemtoNanoOptics group at the Institut Lumière Matière of University Claude Bernard Lyon 1, and he has been Director of the Laboratoire d'Excellence iMUST from 2015 to 2019. From 2012 to 2015 he has been deputy director of the national Physics Institute of the CNRS, and from 2016 to 2019 Vice President for Research of the University Claude Bernard Lyon 1. He has been President of the scientific committee "Physics of condensed matter and diluted matter" of the National Agency for Research (ANR - France) in 2020 & 2021. His current research interests include nanosciences and nanotechnology, properties of nano-objects and nanostructures (carrier and phonon properties, nano-optics, plasmonics, nano-acoustics, nanothermics, ...), nonlinear optics, femtosecond lasers, and time resolved optical spectroscopy. He co-authored more than 175 publications (cited more than 8100 times, $h = 50$ - WoS) and 295 communications in conferences (among which 141 invited talks in international conferences).