

Marco Liscidini received his PhD in Physics from the University of Pavia (Italy) in 2006, with a dissertation on "Nonlinear optical properties of planar microcavities and photonic crystal slabs". Between 2007 and 2009, he was a Post-Doctoral Fellow in the group of Prof. J. E. Sipe at the Department of Physics of the University of Toronto, Canada. He is currently Associate Professor at the Department of Physics of the University of Pavia, and he serves as technical advisor to *Xanadu Technologies Inc*, Toronto, Canada. His research activity is focused on the theoretical study and modelling of the light-matter interaction in micro- and nanostructures. Liscidini works in several areas of photonics, including classical and quantum nonlinear optics, spontaneous emission, plasmon and QW-exciton polaritons, optical sensing and bio-sensing, and photovoltaic effects. His theoretical research activity is developed in strong collaboration with experimental groups and in the framework of national, European, and Canadian research programs.