

## Biography



Benoit Boulanger (born 1961) received the Ph.D. degree in Material Sciences from the University of Nancy in 1989. He was researcher at the National Center for Scientific Research (CNRS) from 1989 to 2000 at the University of Nancy, Stanford University, and the University of Bourgogne. In 2000, he joined Grenoble-Alpes University as Professor. He does his research at Institut Néel CNRS where he leads the works in Parametric Nonlinear Optics. He has authored over 250 papers in refereed journals and conference proceedings. His work is at the frontiers between nonlinear crystal optics, material engineering and quantum optics. His main achievements concern the crystal growth of KTP compounds, the development of the field factor formalism, the invention of the sphere method, the understanding of gray-tracking in KTP, the development of angular-quasi-phase-matching, and the first demonstration of triple photon generation. Benoit Boulanger received several awards and distinctions: Bronze Medal of CNRS in 1993, iXcore Foundation for Research Prize in 2009, Fellow of the Optical Society of America and of the European Optical Society since 2012, and a position of Distinguished Professor of Tianjin University of Technology (2018 – 2021). He was program co-chair in 2011 and general co-chair in 2013 of Non Linear Optics / OSA (Hawaii), program co-chair in 2015 (Berlin) - 2016 (Boston) and general co-chair in 2017 (Nagoya) – 2018 (Boston) of Advanced Solid State Lasers / OSA. He was Topical Editor for Optics Letters from 2014 to 2020.