



Sergio Brovelli

Department of Materials Science of the University of Milano-Bicocca



Sergio Brovelli, is Associate Professor at the Department of Materials Science of the University of Milano-Bicocca and co-founder & chair of the scientific committee of Glass to Power SpA. He graduated in 2003 and earned his PhD in Materials Science (2006) at the University of Milano Bicocca. In 2006, he moved to University College London and London Centre for Nanotechnology (UK) where he received a Marie Skłodowska-Curie Postdoctoral Fellowship that funded his research until December 2009. In 2010 he moved to the Chemistry and Physical Chemistry Division of the Los Alamos National Laboratory (USA) where, in 2011, he was awarded with the prestigious Los Alamos Director's Fellowship. In 2012, supported by a Marie Skłodowska-Curie Career Reintegration Grant, he moved back to Europe as Assistant Professor at the University of Milano Bicocca where he established his independent research group focused on the synthesis, manipulation and spectroscopic investigation of solution-grown functional nanostructures for application in photonic and optoelectronic devices. In 2015, he was tenured with the Associate Professorship in Experimental Physics and, in 2017, he received the National Italian Habilitation for Full Professorship. The quality of his research is confirmed by over 100 publications most of which as first or corresponding author in high-impact factor journals (1 Science, 4 Nature Nanotechnology, 3 Nature Photonics, 1 Nature Reviews Materials, 4 Nature Communications, 14 Nano Letters, etc...), two book chapters, five journal cover pages and numerous invited talks in international conferences. S.B. has h-index of 39 and over 5600 citations. He is the author of six patent families. In 2016, he co-founded the company Glass to Power SpA (www.glasstopower.com) with the main mission of industrializing and commercializing new solar windows based on his patented nanocrystal-based luminescence solar concentrators.