Dr. Eng. Antonella D'Alessandro (H-index 11 by Scopus, 14 by Scholar) She is Researcher of Structural Design at the Department of Civil and Environmental Engineering of University of Perugia where she currently holds lessons of structural design for the Course of Project of Structures and she is teaching assistant of the course of Structural Design, Complements of Building Technology and Bridges. She graduated cum laude in Civil Engineering at University of Perugia in 2002. She received her PhD in Civil Engineering from University of Perugia in 2012. Her research topics are: Selfsensing cement-based nanocomposites, Innovative materials for constructions, Structural Health Monitoring, Sensors, Fire engineering, Recycled concrete. She is author of more than 60 papers among national, international journals and conferences and of two book chapters. She is reviewer Reviewer of 16 international journals and 3 editorial proposals. She won in 2003 the Master Degree Prize, in 2014 the Competition "Brain 2014" and the ACI Italy Chapter - Federbeton Award "Innovation in Concrete Structures and Cementitious Materials" with her Ph.D. Thesis "The use of nanotechnology to realize cementitious materials sensitive to the state of strain", in 2015 the "Mensa Foundation Copper Black International Award for Creative Achievement", in 2017 Best paper award from the journal "Sensors" and the annual award for young researchers for the best paper of the University of Perugia.