

## **ANTONIO AGRESTI: Short CV**

**Antonio Agresti** received his master degree in Electronic Engineer (with honors) from the University of Rome Tor Vergata (Italy) in 2011 and his Ph.D. degree with distinction and European label at the same University in 2015 with a period of six month spent at IMEC (Leuven, Belgium). He got a post-doctoral research fellow till 2016 from C.H.O.S.E. (Centre for Hybrid and Organic Solar Energy) at the University of Rome Tor Vergata (Italy), in the international context of graphene flagship. He is currently a researcher at the Department of Electronic Engineering at the University of Rome Tor Vergata. Currently, his research activity mainly concerns the realization, optimization and spectral characterization of organic and hybrid photovoltaic devices and in particular Dye Sensitized Solar Cells (DSCs), small molecule based solar cells and perovskite based devices. Moreover, he is involved in the development of perovskite-graphene based photovoltaic technology by focusing the attention on the scaling-up towards large modules and panels. In the context of graphene flagship, he gained experience in graphene-based and 2-dimensional materials, perovskite-graphene interface optimization related to device's efficiency and stability. At the same time concerning the device's long-term stability, his skills include Raman and fluorescence spectroscopy characterizations. He has been co-authoring more than 20 papers, besides a number of other publications (1 book chapters, several conference proceedings, etc.) and several invited talks.