

AVVISO DI SEMINARIO

Nel quadro delle iniziative scientifiche dell' Italian Chapter dell' IEEE Photonics Society e nell'ambito del corso di Photonic Microsystems delle Facoltà di Ingegneria della Sapienza Università di Roma, il Dr. Ing. Mario Tucci Ricercatore dell'ENEA (Italian National Agency for New Technologies, Energy and Sustainable Economy Development) terrà il seminario:

Solar Cells

Il seminario, aperto a studenti e docenti interessati, avrà luogo il giorno 8 maggio pv dalle ore 14 alle 18 in aula 9 della Facoltà di Ingegneria Civile e Industriale, in via Eudossiana, 18.

ABSTRACT. A comprehensive review of solar cells will be presented. Starting from basic principles of materials useful for solar cell applications, the lecture will show device architectures and technologies useful to ensure solar energy conversion efficiency. The solar cell record efficiencies and the new concepts will give an overview of the actual state of the art of photovoltaic.



Mario Tucci received his Laurea degree in Electronic Engineering in 1992 and his Ph.D. in Electronic Engineering from the University of Rome "Sapienza" (Italy) in 1996. He worked at the University of Rome "Sapienza" on thin film optoelectronic devices and solar cell technologies. Since 1997 he is researcher at the ENEA (Italian National Agency for New Technologies, Energy and Sustainable Economy Development) and his research activities have been devoted to solar cells focusing on innovative solar cell fabrication processes, numerical modelling and characterisations of semiconductor materials and devices. From 2013 He is Head of ENEA Unit: UTRINN-FVC (Renewable Energy Technical Unit - Photovoltaic Labs). He is lecturer of a Master in Engineering of Photovoltaic at University of Tor Vergata Rome and he received the Italian Associate Professor qualification for Electronic Engineering in 2014. He is referee of several international scientific journals and conferences and author of more than 160 papers on international journals and congress proceedings. He is co-author of one international and two national patents.

Il docente di Photonic Microsystems
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