

Curriculum Vitae

INFORMAZIONI PERSONALI

Nome ISODIANA
Cognome CRUPI
Recapiti Department of Engineering, Viale delle Scienze, Building 9
Telefono 091-23860256
E-mail isodiana.crupi@unipa.it

FORMAZIONE TITOLI

Isodiana Crupi is Associate Professor at the Department of Engineering at the University of Palermo. She received the M.Sc. degree in Electronic Engineering from the University of Messina in 1999 and the Ph.D. degree in Materials Science from the University of Catania in 2003. From 2004 to 2015 she has been Research Scientist at the National Research Council (CNR-IMM) in Catania. Since 1998, she has been a frequent scientific visitor at IMEC, Leuven (Belgium) collaborating with the CMOS Reliability, FLASH Memory and Solar Cell groups and at the Czech Academy of Sciences, Praha, Czech Rep. Her main research interests include the synthesis and characterization of innovative materials for photovoltaic applications, electrical characterization of advanced semiconductor devices for micro- and optoelectronics and the development of silicon nanocrystals devices for memory applications.

Prof. Crupi has authored and coauthored more than 100 papers published on ISI journals and international conference proceedings which have been cited about 2000 times (h-index of 27). She is coinventor of two U.S. Patent, participant of several national and EU research projects and supervisor of several Master and PhD theses. She serves as Editor of the IEEE Transactions on Device and Materials Reliability, as referee for outstanding international scientific journals and co-organized various symposia at the European Materials Research Society (E-MRS). She is a technical program committee member of the IEEE International Electron Devices Meeting (IEDM) in 2019 and, since 2012, of the European Solid-State Device Conference (ESSDERC). She received the "Young Scientist Award" at the E-MRS (2003) and the "Premio per Dottori di Ricerca" from the Accademia Gioenia (2004).

AMBITI DI RICERCA