SEMINARIO DIDATTICO-SCIENTIFICO

LE NANOTECNOLOGIE E L'INDUSTRIA AUTOMOTIVE

Gianfranco INNOCENTI

Centro Ricerche FIAT



Mercoledì 11 maggio - ore 10:15

Facoltà di Ingegneria - Via Eudossiana - Aula del Chiostro



Gianfranco Innocenti graduated in Physics at the University "La Sapienza" in Rome. He is responsible for the New Materials Scouting & Nanomaterials Department at CRF, the FIAT Research Centre. He has begun his research activity at CRF in 1988 developing electro-optical systems for automotive application (anti-collision systems, adaptive cruise control, vehicle dynamic control, etc.) within Prometheus project. Part of his activity was focused on new technological approaches in manufacturing of electro-optical sensors (optical fibres), actuation systems (piezoelectric materials, SMA, magnetorheological fluids) and their integration inside miniaturized configuration with control systems. For a short period of time (1998-2000) he was at Magneti Marelli where he was involved in the commercialising process of systems such as adaptive lighting and active safe systems. In this period he has developed, in the context of the Product Department strategy, the evolutionary scenario of Magneti Marelli. He participated to the creation of the national initiative "Nanotec IT" for the promotion and the development of nanotechnologies in the industrial and research fields.

He has authored over 30 publications and holds many patents that have originated large business in electro-optical sensor, lighting equipment, and actuators based on functional materials.

His 1987 work has been published on the Physical Review concerning the study of micro-cavities that are considered the basis for the OLED systems.

He is a member of the steering committee for reviewing and orienting the Nanotechnology Programs at national level.

Tutti gli interessati sono invitati a partecipare.

Il seminario è organizzato dal CdA di Ingegneria delle Nanotecnologie nell'ambito delle attività integrative previste per il Corso di Laurea Magistrale in Ingegneria delle Nanotecnologie

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