

Pietro Perlo

General Physics at the University of Torino in 1980.

Pietro Perlo joined Centro Ricerche Fiat in 1981 where he is a Senior Director and Chief Scientist. For 15 years he continued the relation with the Institute of Physics of the University of Torino as a contract professor teaching courses on applied optics. In the mid 80' he designed the optomechanics of the first world-wide articulated



anthropomorphic multi-axis laser robot awarded in 1986 by NASA-Rockedyne and selected to weld 3-D complex shaped alloys of the Space Shuttle. In 1995 Pietro lead the first world-wide commercial introduction of diffractive and microoptics into the automotive followed by productions addressed to motorcycles, general lighting and IR systems for intrusion alarm. Pietro is the author of a large number of patents that has lead to products in lighting, sensors and shape memory actuators. He is the author of a hundred Technical and Scientific papers. He has pioneered the use of nanotechnology in the automotive since mid 90' with a focus in the last years on technologies for Full Electrical Vehicles. Pietro is the Chairman of the Working Group Automotive of the European Technology Platform on Smart Systems Integration and member of the Administration Councils of:

- ❑ Centro Ricerche Plast-ottica CRP a company of the Fiat Group founded on the base of his Patents and
- ❑ Fondazione Tari: the largest Italian aggregation of companies operating on design and new material developments for Jewelry.