

Dr. Giorgio Speranza - FBK

Obtained his degree in Physics in 1985. Since 2008 he is senior researcher at the Fondazione Bruno Kessler.

Giorgio Speranza is expert in material science, in physical, chemical, structural and electronic characterization of materials, in the surface modification induced by chemical or plasma processes. He possesses a deep experience and expertise on carbon in all its forms (bulk and nanostructured), synthesis of carbon based thin films for biomedical applications, characterization of metal nanostructures and plasmonic properties and surfaces decoration. The investigation of optically active materials and in particular the characterization of their electronic structure are also part of his competences.

More than 200 publications in international peer reviewed journals. Google h index 38.

Associated to the Industrial Engineering Department of the University of Trento

Associated to the Italian Council of Research

Member of the AIV Associazione Italiana di Scienza e Tecnologia

Member of the American Chemical Society

Member of the Societa' Italiana di Fisica

Member of the European material Society

Member of the editorial board of Materials and C of MDPI

Autorizzo il trattamento dei miei dati personali ai sensi del Dlgs 196 del 30 giugno 2003 e dell'art. 13 GDPR