

Born in 1966, Pietro Galinetto received the Degree in Physics in 1991. Since 2002 he is permanent Researcher at the University of Pavia (assistant Professor in Experimental Physics). Research topics concern the optical, electronic, vibrational and structural properties of oxide-based advanced materials for sensors, spintronics, energetics and photonics as well as Raman spectroscopy of nanostructured materials interesting for industrial and biomedical applications.

The mainly studied systems are: Titanium dioxide, perovskitic oxides (SrTiO_3 , LiNbO_3 , KTaO_3 , etc), carbon nanotubes and other carbon allotropes, functionalized nanoparticles for SERS (Surface Enhanced Raman Scattering), Li-based and Fe-based mixed oxides. He is author of more than 90 publications on international journals, of contributions to more than 30 international conferences. The research activity is developed in collaboration with national and international Institutes and Laboratories (University, CNR, and Industrial), within several national and international Projects, PRIN-MIUR, FIRB-MIUR and Cariplo Foundation Networks.

He is head of Raman laboratories of the Physics Department of the University of Pavia; referee of different international journals in materials science and referee of national projects for GACR–Czech Science Foundation. Member of the Senato Accademico of the University of Pavia (2008 – present).

Teaching activities: course on “Physics” for undergraduate students in geology, course on “Optics” for undergraduate students in physics, course on “Physics Techniques and Cultural Heritage” for undergraduate students in physics.

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