

PAOLO MILANI

Paolo Milani is Full Professor at the Department of Physics of the University of Milano.

He graduated in Physics from the University of Pavia (Italy) in 1984 and he received his Doctor of Sciences (PhD) in 1991 from the Ecole Polytechnique Federale of Lausanne. He founded in 1992 the Molecular Beams and Nanocrystalline Materials Laboratory at the University of Milano.

His research focuses on cluster-assembled nanostructured materials and their integration on microfabricated platforms by exploiting the supersonic cluster beam deposition technology. He is active in the field of nanostructured systems and devices for stretchable electronics and optics, biotechnology and medicine, energy production and storage. He has published more than 240 papers on refereed journals (h index=36), several review papers and a monograph on supersonic cluster beam deposition for the synthesis of nanostructured thin films.

Milani is the recipient of the *U. Campisano Award* from the Italian Institute for the Physics of Matter in 2000 for his contributions to the field of the synthesis and characterization of nanostructured materials. In 2006 he received the *L. Tartufari Prize* awarded by the Lincei National Academy.

Currently, Milani serves as Director of the Interdisciplinary Centre for Nanostructured Materials and Interfaces of the University of Milano, he is a member of the scientific board of the *Leonardo da Vinci* National Museum of Science and Technology, based in Milan and of the Fondazione Tronchetti Provera.

He is also Coordinator of the PhD School in Medical Nanotechnology supported by the European School of Molecular Medicine and the University of Milano and he has served as a nanotechnology expert consultant for the European Social and Economic Committee of the European Union.

He is co-editor of the Springer book series Carbon Materials Chemistry and Physics, regional editor for Europe of the Journal of Nanoparticle Research, member of the editorial board of Advances in PhysicsX and of KONA Powder and Particle Journal.

He holds thirteen patents and he is co-founder of three start-up companies: TETHIS spa active in the field of nanostructured systems for biomedical microdevices, WISE srl producing stretchable electronics for neuromodulation (WISE has received the European Venture Contest Award 2012 for Life Sciences), and EOS srl producing optical systems for nanoparticle sizing in biological media.