

Curriculum Vitae

TEODORO VALENTE

PROFESSIONAL EXPERIENCE

President of the Agenzia Spaziale Italiana.

Prof. Valente former Director of Institute of Polymers, Composites and Biomaterials (IPCB) - National Research Council of Italy (CNR) and Deputy for Research, Innovation and Technology Transfer of Rome University La Sapienza.

Full Professor of Material Science and Technology at University of Rome La Sapienza

Laurea in Mechanical Engineering cum laude, Università di Roma La Sapienza (1989). Consultant for Snamprogetti Spa (1990-1992). Master in Business Administration (1993). Visiting Scientist at Osaka National Research Institute (Japan, 1997). Seconded National Expert at the European Commission in the framework of the COST Actions on Materials (1996-1997). Full professor since 2001.

President of the National Interuniversity Consortium on Material Science and Technology (INSTM) participated by 45 Italian Universities (www.instm.it), Director of the Department "Chemical Material Environmental Engineering" of Rome University "La Sapienza".

Past President of the Italian Association on Materials Engineering (AIMAT, www.aimat.it) and of the board of Rete Ventures Scarl (company for technology transfer), actually President of the Consortium Sapienza Innovazione, Vice President of the public-private research Consortium MATRIS and GRINT Scarl, past President of the Sapienza Commission for evaluation of spin-off and patents, past President of the Sapienza Commission for Innovation on Research and Technology.

Past member of the Scientific Council of the National Research Institute CNR-ISMN (Institute on Nanostructured Materials) and responsible for the INSTM Consortium of the Italian-Japanese joint lab named RIN (Research Institute on Nanoscience at Kyoto Institute of Technology) supported by the Ministry of Foreign Affairs. Member of the group on "Molecular Modeling" for the preparation of the Italian National Research Plan, member of the Evaluation Panel for all the Institutes of the Italian National Research Council working in the area of Materials Science and Technology.

Evaluators of Research Proposals submitted for funding to the Italian Ministry of University and Research, to the Ministry of the Economic Development, to Italian Regions (Campania, Veneto, Lazio, Piemonte, Umbria), to the European Commission in the Framework of the FP6 and FP7. Already member of the European Evaluation Panel (IEP) for Eureka proposals and deputy of Italian MIUR for ERA-NET Materials till 2013.

Lecturer of "Materials Science and Technology" and "Aerospace Materials" in graduate and PhD regular courses of the Università di Roma La Sapienza. Lectures at the International Master on Nanotechnologies organized by "Coordinamento Interuniversitario Veneto per le Nanotecnologie". Responsible of many research projects on materials science and technology and materials processing, funded by the Italian Ministry of University and Research, by the National research Council and by industrial national and international companies. Main research topics: metal alloys and metal matrix composites for automotive and aerospace applications, ceramic and ceramic matrix composites for extreme environments, degradation of materials in service, production and recycling of polymers and polymeric matrix

composites, surface engineering by thermal spraying and vapour based techniques, materials/process/product modelling.

Participant in more than 50 International Scientific Conferences also as Invited or Keynote Lecturer. Reviewer for Surface and Coatings Technology, Journal of Thermal Spray and Technology, Materials Engineering. Author of more than 160 papers published on refereed international journals and proceedings of International/National conferences, Editor of European Publications on Material Science and Technology, author of two international US extended patents on ceramics materials and coatings for high temperature applications.