



Liviu Popa-Simil is currently president of LAVM LLC, a private company developing nano-nuclear materials and THz applications as well as security systems, and the Executive Director of LAAS - Los Alamos Academy of Sciences, which strives to serve the public good by promoting science and innovation. After graduating from the Nuclear Engineering Faculty in Bucharest, Romania, specialized in Fast Breeder Reactors Physics and Engineering, and with dissertation work in Laser-Plasma Jet Nuclear Materials enrichments, he has a broad engineering and computing background. He introduced cutting edge technologies in industry, as robotics, material characterization using nuclear methods, interferential holography, sound and vibration based measurements, automotive and navigation electronics, etc., and took part in the study of various singular and abnormal phenomena. He, serving as an engineer-physicist, project coordinator and senior researcher for IFIN-HH (Nuclear Physics and Engineering Institute), Accelerator and Nuclear Physics Application Division where he developed nuclear methods and applications in industry and environment, and initiated novel nuclear fuel research and pulsed power applications.