

Deep Tech – Nanotechnology and Society 5.0

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Abstract

Deep Tech is the result of the convergence of science and technology and for being considered the key to advance humanity in its evolution. This new technological strand has the objective of translating scientific advances into technology for the market. In this context, Nanotechnology is a fundamental part of this expected social and technological advance. This lecture aims to present what Deep Tech is and what are its advantages over traditional technology and how it is intimately connected with Nanotechnology and other emerging technologies for the benefit of humanity. In addition, I will demonstrate the role of Deep Tech and Nanotechnology in strengthening human development and how to apply it to achieve Society 5.0 status.

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Biography

CEO FIBER INOVA – Strategic Innovation Consultancy Company, President BrasilNano, Manager SUPERHUB Paraná, General Manager of Graphene Projects at SAE Brasil, he was Key Enabling Technologies Coord. of MCTI, Member of the National Science and Technology Council, BRICS WG Photonics, OECD, Brazil-Canada Joint Committee for ST&I; Director of the Brazilian-Argentine Center for Nanotechnology, President of the Brazilian-Chinese Center for Nanotechnology. He was General Manager of API.nano. Post-doc in Nanobiotechnology (InteLAB), PhD in SoftNanotechnology, from the University of Sheffield, and Computer Engineer from Univali. Author two books on regulation with Nanosafety. Extensive experience in international negotiation, contracts and innovation projects.