Master of Science in Aeronautical Engineering at Università degli Studi di Roma La Sapienza. He starts his professional research activity on 1990 at CSM where acts as researcher, focusing on the application of Artificial Intelligence techniques in process modelling and control problems. Coordinators and responsible of numerous European Projects in the area of Iron and steelmaking, acts as Italian representative in various European Committees.

In the period 1999-2003, works as National Detached Expert at the Research Directorate General of the European Commission in Brussels. In the material unit of the Directorate G, acts as scientific officer for the ECSC Steel Research programme and 5th Framework programme.

In the period 2003-2015 works in CSM as Manager of EU Research Affairs, where acts as manager of European programmes and international developments for Advanced Material in Centro Sviluppo Materiali and is responsible for EU R&D&I relationships and policies.

From 1st January 2016 he is Director of APRE – Agency for the Promotion of European Research.

He has launched the Alliance for Materials initiative (A4M), supported by the EU Commission, and he is acting as chairman of the Management Board of A4M. Chairman of EuMaT (The European Technology Platform on Advanced Engineering Materials and Technologies), member of many advisory boards and steering committees of different EU projects and initiatives. He is also member of the European Commission Advisory Group for the NMP-B part of H2020 programme.