

Dr. Matteo Leoni received his degree in Materials Engineering from the University of Trento in 1995, followed by a Ph.D. in Materials Engineering from the University of Rome in 1999. He spent a year as post-doc at the Max Planck Institut für Metallforschung in Stuttgart and returned to Trento to continue his career up to the level of Associate Professor. He is currently at Saudi Aramco Research and Development Center working on model development and technology transfer.

For his contribution to powder diffraction, he received the EPDIC award in 2002, the "Nardelli" prize of the Italian Crystallographic Association in 2010, and the ICDD Hanawalt Award in 2016.

His main research interests are in the application of diffraction and complementary techniques for structure and nanostructure analysis. He contributed to the development of the Whole Powder Pattern Modeling technique as a physically sound alternative to the 100-year-old Scherrer formula. He is the author of the PM2K and DIFFaX+ software packages.

Currently, he serves as ICDD Chairman of the Board of Directors and Regional Co-Chair for the EU.