





PERSONAL INFORMATION

Adrian Mihail MOTOC



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POSITION Adrian Mihail Motoc is currently the Head of the Nanostructured Materials Laboratory in the National Research and Development Institute for Nonferrous and Rare Metals-IMNR.

EDUCATION AND WORK EXPERIENCE

Adrian Motoc graduated in 1999 the University POLITEHNICA of Bucharest, Department of Engineering Science – English Stream. One year later he obtained his MSc diploma in in Material Science and Engineering. A. Motoc was awarded with the PhD title in Material Science in 2008 - University POLITEHNICA of Bucharest, Faculty of Material Science and Engineering; thesis title: Researches regarding the influence of the additives upon the characteristics of zirconia based nanocomposite materials.

Adrian Motoc has attended several specialization / formation stages, the most important one being in 2005, a NATO research grant on processing and characterisation of ZnO nanopowders at CNRS/PROMES, Odeillo, France. In 2017 he graduated a course on the management of innovation.

Dr. Adrian M. Motoc has relevant expertise in the field of synthesis and characterisation of functional nanostructured materials. Over the last 18 years of activity in IMNR, he has participated in more than 40 national and international research projects as member of the working team and also as project director or responsible/scientific responsible of IMNR (for projects where IMNR was partner). In the period 2006 - 2008, Dr. Motoc was the director of ctr. CEEC 199/2006 Modul IV –NANOBIOMATLAB. The project assured the team preparation in the quality management system and led to the implementation of this system in the analytical laboratory of the institute. At the end of the project it was obtained the RENAR certification according to SR EN ISO/CEI 17025:2005 for XRD and AAS analysis for nano-bio-materials.

A. Motoc took part in the establishing of the Center for Technology Transfer in Advanced Materials – CTT AVANMAT, a certified entity under the coordination of IMNR.

Dr. Motoc is the authorized representative of IMNR at the Romanian Standards Association – ASRO. He is also member of the technical committee for non-ferrous metals and alloys. He took part in the elaboration of several Romanian standards.

Adrian Motoc is co-author of 12 ISI articles ISI, 2 books, 1 patent application, 4 articles in non ISI journals, 2 articles in proceedings volumes of scientific manifestations indexed in international data bases, more than 20 works published in proceedings, presentations, posters at national/international manifestations etc. His works are cited in more than 100 papers. In 2015 and 2016, 2 of his ISI articles were prized by the Executive Agency for Higher Education, Research, Development and Innovation Funding (UEFISCDI).