



Short CV: **E. M. ANITAS**

Eugen Mircea Anitas, Doctor habilitatus, Physics

*Date and place of birth:* 26 September 1980, Baia-Mare, Maramures County, Romania

*Education:* 1999-2003 Mathematics and Physics Faculty, North University of Baia-Mare, Romania  
2003-2009 PhD Student in Theoretical Physics, Physics Faculty, West University of Timisoara, Romania  
2009 Doctor of Physics – *Magna Cum Laude* (“Small-angle scattering from fractal systems and magnetorheological elastomers using thermal neutrons”)  
2020 Doctor habilitatus, Physics (“Small-angle scattering by mass and surface deterministic fractal systems”)

*Professional Career:* 2007-2010 Junior Research Scientist, Bogoliubov Laboratory of Theoretical Physics (BLTP), JINR  
2010-2011 Research Scientist, BLTP, JINR  
2011-2014 Senior Research Scientist, BLTP, JINR  
2014-2022 (September) Head of Sector No. 1 “Solid State Theory”, Department of Condensed Matter Theory, BLTP, JINR  
Since 2022 (October) Deputy Director for Research, BLTP, JINR

*Scientific and organizational activity:* Member of BLTP Scientific-Technical Council (serving as a Vice Chairman until 2022)

Head of Romanian National Group at JINR (since 2019)

Member of the Reviewer Board of the journal "Nanomaterials"

Member of programme and organizing committees of international conferences and schools

Visiting Scientist at several Universities/Institutes in Europe

*Instructional activity:* Supervisor of several PhD and Master Students

Lecturer and Invited speaker at several international conferences

*Research interests:* Condensed matter, with a particular emphasis on systems which appear similar at different levels of magnification (i.e. fractals). Theory of small-angle scattering (neutrons, X-rays, light) and numerical simulations.

*Scientific publications:* Over 100 publications in leading scientific journals and conference proceedings, and over 1100 citations.

Author of the book: "Small-Angle Scattering (Neutrons, X-Rays, Light) from Complex Systems", Springer, Nature (2019)

Author of 6 book chapters

Reviewed over 70 papers for various journals

*Prizes and awards:* 2017 JINR's second prize for a series of works entitled "Structure of deterministic mass, surface and multiphase fractals: theory and methods of analyzing the intensity of small-angle scattering"

2021 Certificate of Honor from JINR (for services to JINR, many years of fruitful activity and in connection with the anniversary of 65 years of JINR)

Yearly national and international research grants from Romanian Plenipotentiary Representative at JINR, and from the Executive Agency for Higher Education, Research, Development and Innovation funding (Romania)

Scholarships/grants from BLTP, JINR during 2008-2015.