CURRICULUM VITAE

Name: Aleksandra MALUCKOV

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Education:

Ph.D. (2001); National Institute for Fusion Science, School of Mathematical and Physical Science, SOKENDAI- Graduate University for Advanced Studies, Japan.
Thesis title: 'Statistical Properties of the Particle Radial Diffusion in an Radially Bounded Magnetic Field Region with Irregularities'.
M.Sc.(1996); Mathematical, Classical and Quantum Physics, Faculty of Physics University of Belgrade, Serbia
Thesis title: 'Spatial-temporal Regimes of Nonlinear Three-wave Interactions'.
B.Sc. (1992); Department of Physics, Faculty of Philosophy, University of Niš, Serbia
Thesis title: 'The 1/N Expansion in Quantum Mechanics and Hydrogen Atom in the External Fields'.

Research Fields of Interest:

Physics of complex systems
Nonlinear dynamics
Topological photonics
Quantum optics
Statistical physics

Working experience:

2020 Visiting senior researcher, IBS, PCS,Rrepublic of Korea
(2012 – …) Full Research Professor, INNV Vinca, University of Belgrade, Serbia
(2007-2012) Associate Professor, Dept. of Physics, UNFSM, Serbia
(2002 – 2007) Assistant professor, Dept. of Physics, UNFSM, Serbia
(1997 – 2002) Teaching Assistant, Dept. of Physics, UNFSM, Serbia
(1992 – 1997) Junior Assistant, Dept. of Physics, UNFSM, Serbia

Projects:

(2017-..) MC member for CA16221 (AtomQTech)
(2010-2019) CARDIALLY, Horizon ITN RISE
(2014-2017) Participation in the trilateral project Sweden-Chile-Serbia "Control of light and matter waves propagation and localization in photonic lattices" (Swedish Research Council, grant 2013-6752).
(2011-2019) III Project "Photonics of micro and nanostructured materials", Ministry of Education, Science and Technological development of Republic of Serbia
(2006- 2010) Project "Complex Phenomena in Plasma Physics, Condensed Matter Physics and Nonlinear Optics', Ministry of Science and Technological Development of Republic of Serbia.

Reviewer Experience:

Physical Review A, E, Physical Review Letters,CHAOS,Physics Letters A,Filomat,Physica Scripta