

**LISTA CU PROPUNERI TITLURI PENTRU LUCRĂRI DE DISERTAȚIE**  
2022 – 2023

Nr. Crt.	Numele și prenumele cadrului didactic	Ciclul de studii	Specializarea	Titlul lucrării
2	Conf.univ.dr. Marius Ștef	Master	FAM	Cristale laser. Aplicații medicale
3	Conf. univ. dr. Marius Ștef	Master	PTAM	Defects in crystals
4	Conf.univ.dr. Daniela Susan-Resiga	Master	PTAM	Yield phenomenon in Ferrofluid - based Magnetorheological Fluids
9	Prof.univ.dr.Marius Paulescu	Master	AEPCP	Spectral solar irradiance. Measurements and modeling
14	Lect.univ.dr. Adrian Neculae	Master	FAM	The transport of biodegradable solute in soil
16	Conf.univ.dr. Eugenia Paulescu	Master	AEPCP	Parametric models for clear-sky solar irradiance
18	Conf.univ. dr. Mădălin Bunoiu	Master	PTAM	Silicon crystal growth - methods and applications
19	Conf.univ. dr. Mădălin Bunoiu	Master	FAM	Asigurarea calității la o secție de radioterapie
20	Lect.univ.dr. Nistor Nicolaevici	Master	AEPCP	Inflationary cosmological models
21	Lect.univ.dr. Nistor Nicolaevici	Master	AEPCP	Gyroscopes in General Relativity
22	Lect.univ.dr. Nistor Nicolaevici	Master	AEPCP	Dynamical symmetries. The hidden symmetry of the hidrogen atom
23	Conf.univ.dr. Călin Avram	Master	PTAM/FAM	Modele de câmp cristalin
33	Conf.univ.dr. Paul Gravila	Master	AEPCP	Higgs events in ATLAS. Z-path
34	Conf.univ.dr. Paul Gravila	Master	AEPCP	Machine learning in Particle Physics.
39	Lect.univ.dr. Victor E. Ambruș	Master	AEPCP	Nuclear field theory and neutron stars
40	Lect.univ.dr. Victor E. Ambruș	Master	AEPCP	Relativistic fluids
41	Lect.univ.dr. Victor E. Ambruș	Master	AEPCP	Effective models in QCD
42	Lect.univ.dr. Victor E. Ambruș	Master	AEPCP	Quark-gluon plasma simulations for heavy-ion collisions
43	Lect.univ.dr. Victor E. Ambruș	Master	AEPCP	Thermal field theory
44	Conf.univ.dr. habil. C. N. Marin	Master	FAM	Imagistica medicala
45	Conf.univ.dr. habil. C. N. Marin	Master	FAM	Radioterapie
46	Conf.univ.dr. habil. C. N. Marin	Master	PTAM	Electromagnetic properties of materials
48	Prof.univ.dr. Daniel Vizman	Master	PTAM	Studiul procesului Czochralski de crestere a cristalelor de Siliciu pentru aplicatiile PV