

Proiecte de colaborare dintre IUCN (Institutul Unificat de Cercetări Nucleare)/JINR - Dubna și institutele din România

Nr. crt.	Facultate	Nr. tema	Nr.contract	Titlul contractului	Director proiect	Perioada de derulare	Valoare contractată USD	Valoare decontată USD
1	Biologie	04-4-1121-2015/2020	43	Characterization of silver nanoparticles using green synthesis and their effects on environmental microorganisms metabolic activity	Lector univ. dr.Oprica Lacramioara	21.05.2018-31.12.2018	1,800.00	1,800.00
2	Chimie	04-4-1121-2015/2020	78	Influence of iron substitution with other transition metals of perovskites (Ln,Sr)Fe _{1-x} M _x O ₃ (Ln = La, Sm, Nd; M = Cr, Mn, Co) on the structural, magnetic and transport properties and catalytic activity	Conf. univ. dr. Cornei Nicoleta	21.05.2018-31.12.2018	1,900.00	1,900.00
3	Fizica	04-4-1121-2015/2020	68	Silanized magnetic nanoparticles with potential utilization in environmental applications	Prof. univ. dr.Creanga Dorina	21.05.2018-31.12.2018	2,000.00	2,000.00
4	Fizica	04-4-1121-2015/2020	85	New nanocomposite layers and thin films based on graphene and polymers for hybrid solar cells and medical applications	Prof. univ. dr.Creanga Dorina	21.05.2018-31.12.2018	2,100.00	2,100.00

5	Chimie	04-4-1121-2015/2020	84	Rare earth modified ferrite nanoparticles coated with chitosan for improved ion sorption property from polluted waters and their quick separation in extremal magnetic field	Lector univ. dr.Ignat Maria	21.05.2018-31.12.2018	2,200.00	2,200.00
6	Chimie	04-4-1121-2015/2020	87	Tuning templated mesoporous carbon properties in one pot synthesis involving various surfactants	Lector univ. dr.Ignat Maria	21.05.2018-31.12.2018	2,100.00	2,100.00
7	Fizica	04-4-1121-2015/2020	86	New resistive switching oxide thin films for nonvolatile memory devices	CS III Doroftei Corneliu	21.05.2018-31.12.2018	2,900.00	2,514.36
8	Chimie	04-4-1121-2015/2020	76	Crystal lattice distortions induced by rare earth in spinel ferrites	Prof. univ. dr. Pui Aurel	21.05.2018-31.12.2018	1,900.00	1,900.00
9	Chimie	03-4-1128-2017/2019	100	Adsorptive performance of mesoporous materials towards heavy metals removal from synthetic and industrial wastewaters using NAA and AAS techniques	Prof. univ. dr. Humelnicu Doina	21.05.2018-31.12.2018	2,100.00	2,100.00