

Rezultatele verificării eligibilității proiectelor depuse în cadrul Programului 5/Subprogramul 5.1 ELI – RO

Competiția Aprilie 2016

COD	Instituție conducătoare	Parteneri	Director proiect	Titlul proiectului	Acronimul proiectului	Eligibilitate
01 - ELI	IFIN-HH	-	Sorin Gabriel PASCU	Approaching day-one experiments with the GBS at ELI-NP	ADAGIO	Eligibil
02 - ELI	IFIN-HH	-	Vlad AVRIGEANU	Alpha-particle optical model potential and γ -ray strength function effects on (γ, α) and (α, γ) reaction cross-section assessment	APOMSF	Eligibil
03 - ELI	INCDTIM	IFIN-HH	Tosa VALER	Laser pulse propagation at relativistic intensities	ProPW	Eligibil
04 - ELI	IFIN-HH	INFLPR	Serban MISICU	Quasi-classical methods in Laser - Nucleus Interactions	QLASNUC	Eligibil
05 - ELI	INFLPR	-	Andreea GROZA	Innovative system for monitoring and optimization of the temporal profile of a PW class laser beam for laser proton driven acceleration experiments with thin solid targets	INSTPLB	Eligibil
06 - ELI	INFLPR	IFIN - HH	Dan SPOREA	Optical fibers	OPEN	Eligibil
07 - ELI	IFIN-HH	UPB	Tiberiu SAVA	Design study of a cryogenic stopping cell (CSC) demonstrator for the ELI-NP IGISOL beam line	CSCDEMO	Eligibil
08 - ELI	INFLPR	-	Olimpia BUDRIGĂ	SIMulations of Ultra-High Intensity LAser Pulse InTEraction with Solid TARgeTS	SIMULATEST ARTS	Eligibil
09 - ELI	IFIN-HH	-	Catalin BORCEA	Methodical preparations for characterization of accelerated beams (AB) produced with high power lasers. The problem of electromagnetic pulse (EMP)	EMPCURE	Eligibil
10 - ELI	ACCENT PRO 2000 SRL	IFIN-HH	Mihai IOVEA	Support action for gamma beam industrial imaging applications development at ELI-NP	ELITOMO	Eligibil
11 - ELI	ACCENT PRO 2000 SRL	IFIN-HH	Mihai IOVEA	MULTi-Spectral Imaging of X and Gamma rays for diagnostic of laser-target interaction at ELI-NP experiments	MUSIX-PW	Eligibil

12 - ELI	INCDFM	IFIN-HH; INFLPR	Viorel Constantin SANDU	Interaction of ultra intense laser beams with the new superconductors and magnetic glass-ceramics	LASERSUPER	Eligibil
13 - ELI	IVB	IFIN-HH; UB	Mihail Eugen HINESCU	Development of the national technological platform for investigating the interaction of complex biological systems with space radiations in the context of ELI-NP	ASTRO-BIO- ELI (ABEL)	Eligibil
14 - ELI	ICPE-CA	IFIN-HH	Ion DOBRIN	Large Acceptance Angle Dipole Magnet for the measurement of electrons and positrons energy at ELI-NP	LAADMAG	Eligibil
15 - ELI	UB-FF	-	Mihaela SIN	Photon Induced Reaction evaluations for ELI	PIRELI	Eligibil
16 - ELI	UBTV	IFIN-HH; VIOSON	Paul Nicolae BORZA	Interaction chamber with alignment integrated system over Gamma beam	ELICAM- GAMMA	Eligibil
17 - ELI	INFLPR	IFIN-HH	Aurelian MARCU	Electromagnetic Shielding Structures to assure Biological Safety during target hitting experiments performed on PW Laser Facilities	BIOSAFE	Eligibil
18 - ELI	INCDFM	-	Cristian M. TEODORESCU	Surface Science with Positrons: Optimization of solid Ne Moderators and First PAES Experiments	SuSciPo	Eligibil
19 - ELI	ICSI	IFIN-HH	Mihai VARLAM	eXtremely High Vacuum for ELI	XHVELI	Eligibil
20 - ELI	INFLPR	UPB; CANBERRA	Dan Constantin DUMITRAS	Development of a Novel 2D Detector Array for Dosimetric Characterisation of ELI Laser Accelerated Charged Particle Beams	ELIDOSE	Eligibil
21 - ELI	IFIN-HH	INCDTIM; IVB; IOB	Dana NICULAE	Targeted endoradiotherapy in cancer: design and proof-of -concept for nanostructured radiopharmaceuticals based on radioisotopes produced via the (γ , n) reaction	RADIONANO THER	Eligibil
22 - ELI	INFLPR	-	Dinescu GHEORGHE	Nanoparticle beams as target for interaction with high power lasers	TARGET-np	Eligibil
23 - ELI	IFIN-HH	-	Dorina ARANGHEL	Studies concerning the materials behaviour used for passive dosimeter systems in high intensity radiation fields at ELI-NP	OSL-SSNTD	Eligibil
24 - ELI	INFLPR	IFIN-HH	Constantin DISPLASU	Temporally resolved diagnostics of laser produced plasma for electron acceleration foreseen to be used at ELI-NP	TEDILAPLAS	Eligibil

25 - ELI	INFLPR	IMT	Marian ZAMFIRESCU	Laser targets for ultraintense laser experiments	TARGET	Eligibil
26 - ELI	INCDFM	INFLPR; IFIN-HH	Victor Eugen KUNCSEK	Micro- and Nano-structured Solid State Targets for Laser Driven Ion Acceleration	STAR_LDIA	Eligibil
27 - ELI	IFIN-HH	ICPE-CA; INFLPR	Nikolay DJOURELOV	Development of new experimental setups and materials for the positron <u>converter</u> and <u>moderator</u> for the ELI-NP <u>positron beam line</u>	COMPOSITE	Eligibil
28 - ELI	INFLPR	-	Maria DINESCU	ELI-NP targets – present and future	ELITAR	Eligibil
29 - ELI	UB-FF	-	Virgil BARAN	Advanced modeling of electro-dynamical and nuclear interactions at ELI-NP	AMENI	Eligibil
30 - ELI	INFLPR	IFIN-HH	Mihai DINCA	Development of terahertz diagnostics and imaging instrumentation for high power laser experiments at ELI-NP	TERAELI	Eligibil
31 - ELI	INFLPR	IFIN-HH	Cătălin-Romeo LUCULESCU	Probing the birefringence of the quantum vacuum for high-intensity laser beam characterization	HILAS	Eligibil
32 - ELI	UVT	IFIN-HH	Daniel VIZMAN	Physical and numerical experiments for studying the laser accelerated particles and their interaction with crystalline materials	ELICRYS - 2	Eligibil

31 Mai 2016