

Subprogramul 5.9.2 Modul CERN-RO

Rezultatele preliminare Competiția CERN – RO Proiecte de CDI pentru participarea la experimentele CERN

Nr. Crt.	Titlu proiect	Acronim	Director proiect	Instituție coordonatoare	Instituții partenere	Punctaj obtinut
1	The Romanian contribution to CERN in the DUNE experiment	RO-DUNE 3	Ionel Lazanu	UB-FF		76
2	ATLAS Experiment, DRD and FCC Collaborations	ATLAS++	Calin Alexa	IFIN-HH	ITIM-CJ, UNSTPB, UAIC, UVT, UTB, UB	98
3	IFIN-HH contribution to the ALICE experiment at LHC	RONIPALICE	Mihai Petrovici	IFIN-HH		85
4	Romanian participation at CERN – the n_TOF Collaboration	n_TOF	Negret Alexandru	IFIN-HH		90
5	Development of compact electromagnetic calorimeter: novel designs and advanced computing methods	CompactCalo	Veta Ghenescu	ISS		80
6	National contribution to the development of the LCG computing Grid for elementary particle physics	CONDEGRID	Mihnea-Alexandru Dulea	IFIN-HH	ISS, ITIM-CJ, UAIC, UNSTPB	74
7	Radiation damage in Si and SiC based sensors	RADASS	Ioana Pintilie	INFM	IFIN, UB, ISS	89
8	ISS contributions to ALICE physics, computing and hardware	ISSconALICE	Alexandru Florin Dobrin	ISS	INFLPR	88
9	LHCb, Flavour physics, QCD processes, research and development at LHCb or DRD4,	LHCb	Florin Maciuc	IFIN-HH	USV	87

	and LS3 Enhancement of the RICH subdetector electronics. (LHCb, fizica aromelor partonice, interacțiile cromodinamice, cercetare si dezvoltare la LHCb sau la DRD4 si îmbunătățirea electronicii subdetectorilor RICH in perioada LS3.)					
10	Study of rare kaon decays at the CERN SPS	NA62	Alexandru Mario Bragadireanu	IFIN-HH		94
11	Study of the 3 neutrino flavors in the DsTau and FASER experiments at CERN using nuclear emulsion detectors	SOFT2	Elena Firu	ISS		75
12	Experimental and theoretical studies of exotic nuclei at ISOLDE	EXONTEX	Razvan Lica	IFIN-HH		98
13	Romanian Contribution to MoEDAL	ROMoEDAL	Vlad Popa	ISS		71