

**Programul de Cercetare-Dezvoltare-Inovare pentru Tehnologie Spatiale si Cercetare Avansata - STAR**  
**Competitia pentru proiecte C2-2013**

**Proiecte tip "CDI"**

**Lista proiectelor rezerva**

<b>Nr. crt.</b>	<b>ID proiect</b>	<b>Denumire proiect</b>	<b>Acronim proiect</b>	<b>Institutie coordonatoare</b>	<b>Director proiect</b>	<b>Punctaj</b>	<b>Finantare</b>
1	334	Spectral characterization of planetary surfaces based on remote observations	SCOPS-RO	Institutul Astronomic al Academiei Romane	Popescu Marcel	84	Lista rezerva
2	365	Analyzing Instruments for Black Holes	AlforBH	Institutul de Stiinte Spatiale	Caramete Laurentiu Ioan	84	Lista rezerva
3	300	Neuromuscular control training device enabled for countermeasures applications in micro-gravity	MicroG-Trainer	Institutul de Stiinte Spatiale	Valeanu Vlad	84	Lista rezerva
4	264	Aluminum - Ammonia heat pipes for thermal protection systems used in space applications	AHPs	INCIE ICPE-CA	Lucaci Mariana	84	Lista rezerva
5	323	Infrasound Infrastructure Development for Environment and Atmospheric Research	INSIDEAR	S.C. Advanced Studies and Research Center S.R.L.	Florin Serban	84	Lista rezerva
6	340	Synthetic Galaxy Catalogues for Current and Future ESA Survey Missions	SYNCATS	Institutul de Stiinte Spatiale	Caramete Ana	83	Lista rezerva
7	215	Aerosol meta-data remote access tool for satellite products validation	AMAT	Institutul National de Cercetare Dezvoltare pentru Optoelectronica	Talianu Camelia	83	Lista rezerva
8	218	SATELLITE MONITORING TECHNIQUES FOR URBAN HEAT WAVES AND ISLANDS OF BUCHAREST METROPOLITAN AREA	BUHWISAT	Institutul National de Cercetare Dezvoltare pentru Optoelectronica INOE 2000	Zoran Maria	83	Lista rezerva

9	<b>354</b>	Forest health assessment and prediction using satellite imagery	FHELSAT	S.C. Siemens Convergence Creators S.R.L	Dumitru Edith	83	Lista rezerva
10	<b>235</b>	Additional Criteria Investigation on Space Shuttles Handling Qualities during Terminal flight Phases	SSPIO	S.C. STRAERO S.A.	Ionita Achim	83	Lista rezerva
11	<b>217</b>	Development of a Stress Analysis and Testing System for Space Vehicles	DeStAnTeS	S.C. STRAERO S.A.	Oprisan Sorin	83	Lista rezerva
12	<b>305</b>	Advanced robotic structures with adjustable remote centre of motion for space applications	SPACE-R	Universitatea Tehnica din Cluj-Napoca	Vaida Calin	83	Lista rezerva
13	<b>239</b>	The physical/mathematical research and development of satellite orbital correction thrusters	RDTHRUST	Institutul National de Cercetare-Dezvoltare Turbomotoare - COMOTI	Silvestru Valentin	82	Lista rezerva
14	<b>271</b>	Electromagnetic Induced Transparency during the Hydrogen Recombination Epoch and Applications to Cosmic Microwave Background	ETRECO	Institutul de Stiinte Spatiale	Buica Gabriela	82	Lista rezerva
15	<b>285</b>	ROBOTIC ROVER PLATFORM FOR SPACE EXPLORATION	ROBOROVER	Universitatea Tehnica din Cluj-Napoca	Stan Sergiu-Dan	82	Lista rezerva
16	<b>320</b>	Remote sensing of the urbanization effects on surface and subsurface thermal environments	REBUST	Universitatea Tehnica de Constructii Bucuresti	Gogu Constantin Radu	82	Lista rezerva
17	<b>328</b>	Research on development of new high energy green propellants used in rocket propulsion	HighPro	CENTRUL DE CERCETARE STIINTIFICA PENTRU APARARE CBRN SI ECOLOGIE	Matache Liviu-Cristian	82	Lista rezerva
18	<b>255</b>	ADVANCED COATING TECHNOLOGY TO PRODUCE TRIBOLOGICAL LAYERS WITH IMPROVED PERFORMANCE FOR SPACE APPLICATIONS	TRILAYER	S.C. MGM STAR CONSTRUCT S.R.L.	Sobetkii Arcadie	82	Lista rezerva

19	<b>346</b>	Turbulence in Astrophysical plasma using Kinetic Treatment	TAKT	Institutul de Stiinte Spatiale	Comisel Horia	81	Lista rezerva
20	<b>308</b>	Romanian International CAmpaign for nitrogen dioxide and aerosols profiling	RICA	Institutul National de Cercetare Dezvoltare pentru Optoelectronica INOE 2000	Nemuc Anca	81	Lista rezerva
21	<b>229</b>	Panoramic radio surveillance sensor for nanosatellites detection, broadcasts analysis and orbit determination	PRANA	S.C. BITNET - Centrul de Cercetari Senzori & Sisteme S.R.L.	Cristea Octavian	81	Lista rezerva
22	<b>232</b>	HELIOSPHERIC ROADMAP OF THE FILAMENTS- (I)CMES CHAIN	FILCOR	Institutul Astronomic al Academiei Romane	Dumitrache Cristiana	81	Lista rezerva
23	<b>342</b>	A Conceptual Model for Regional Ionospheric Monitoring in Romania	PRIM	Institutul de Stiinte Spatiale	Radu Aurelian-Andrei	81	Lista rezerva
24	<b>223</b>	Advanced system for electromagnetic interferences characterization	SACIEM	Agentia de Cercetare pentru Tehnica si Tehnologii Militare	Enache Mihai	81	Lista rezerva
25	<b>263</b>	Stabilized Autotracking Communication Antenna for Space Robots	STARO	Universitatea Politehnica Bucuresti	Sacala Ioan Stefan	80	Lista rezerva
26	<b>288</b>	Sustainable Platform for Smart Learning, Teaching, Innovation and Discovery in Earth Observation	SP4LeTIDEO	S.C. Intergraph Computer Services S.R.L.	Visan Maria	80	Lista rezerva
27	<b>391</b>	Experimental model for landslides-triggered rainfall thresholds estimation based on satellite radar monitoring	EMLASAR	Universitatea din Bucuresti - Facultatea de Geografie	Sandric Ionut	80	Lista rezerva
28	<b>306</b>	Artificial gravity for orbital spacecraft	ARGOS	Institutul National de Cercetari Aerospatiale "Elie Carafoli" (INCAS S.A.)	Butoescu Valentin	80	Lista rezerva

29	<b>236</b>	Cercetarea, realizarea si testarea la sol si in zbor a unui sistem reactiv de propulsie hibrid, cu carburant neomogen, cu controlul parametrilor functionali, pentru aplicatii in domeniul lansatoarelor spatiale	SPECH	Universitatea Petrol Gaze din Ploiesti	Ionescu Octavian	80	Lista rezerva
30	<b>322</b>	Upwelling monitoring service for the Romanian coastal waters	CoastUp	S.C. Advanced Studies and Research Center S.R.L.	Florin Serban	79	Lista rezerva
31	<b>277</b>	SPACE GEO FOR NATIONAL PUBLIC SECURITY	SCOP	Agentia de Cercetare pentru Tehnica si Tehnologii Militare (ACTTM)	Fostea Dan	79	Lista rezerva
32	<b>231</b>	GOCE global geoid model evaluation in Romania	GMER	Universitatea Tehnica de Constructii Bucuresti	Dumitru Paul Daniel	78	Lista rezerva
33	<b>396</b>	New Computational Intelligence-Based Models for Pattern Recognition in Earth Observation Imagery	CIPREO	Universitatea Politehnica Bucuresti	Neagoe Victor-Emil	78	Lista rezerva
34	<b>386</b>	Development of a Near Earth Objects Monitoring Astronomical Observatory	NEO-MAO	Institutul de Stiinte Spatiale	Sonka Adrian Bruno	78	Lista rezerva
35	<b>276</b>	Photonic Crystals with Metamaterials for Space Nanoantennas Technologies	PCMS-NANOANTENA	Institutul National de Cercetare Dezvoltare pentru Fizica Laserilor, Plasmei si Radiatiei (INCDFLPR)	Medianu Rares Victor	78	Lista rezerva
36	<b>351</b>	SMART SYSTEM FOR EVALUATING RESISTANCE TO HYPOXIC STRESS AND PILOT TRAINING	SMARTHYP	S.C.IAROM S.A. Bucuresti	Crudu Eugen	78	Lista rezerva
37	<b>407</b>	The Management of Intangible Assets for Research and Development entities acting in Aerospace field	MAINTANGO	S.C. SPASTO Consulting SRL	Stan Andrei	78	Lista rezerva
38	<b>379</b>	Quantum Black Holes Searches With Space Observatories	qBHEUSO	Institutul de Stiinte Spatiale	Micu Octavian	78	Lista rezerva

39	<b>242</b>	Colored Fungi Response to Experiment Verification Test	CFR-EVT	Institutul de Biologie Bucuresti al Academiei Romane	Gomoiu Ioana	77	Lista rezerva
40	<b>272</b>	Atmosphere Monitoring for Transient Luminous Events with custom-build detection system	AMTLE	Institutul de Stiinte Spatiale	Haiduc Maria	77	Lista rezerva
41	<b>281</b>	Hybrid satellite thrusters based on polymer laser propulsion	SLP	Universitatea Alexandru Ioan Cuza din Iasi	Gurlui Silviu	77	Lista rezerva
42	<b>364</b>	Contributions to GAIA and PLATO Missions	CO-STAR	Institutul Astronomic al Academiei Romane	Pricopi Dumitru	76	Lista rezerva
43	<b>388</b>	Software Environment dedicated to Error Correcting Codes for Space Applications	ENERCOSA	Universitatea Politehnica din Bucuresti	Stancescu Stefan	76	Lista rezerva
44	<b>361</b>	Romanian Standard A Antenna Reuse for SSA	R-SAAR for SSA	S.C. RARTEL S.A.	Hategan Traian	76	Lista rezerva
45	<b>241</b>	Study of the behavior of drops and bubbles in microgravity and reduced gravity conditions using laser techniques	DEBLA	Institutul National de Cercetare-Dezvoltare pentru Fizica Laserilor Plasmei si Radiatiei (INCDFLPR)	Pascu Mihail Lucian	76	Lista rezerva
46	<b>415</b>	Design and Development of a Thermal Vacuum Test System	ThermTest	Institutul de Stiinte Spatiale	Trusculescu Marius	76	Lista rezerva
47	<b>294</b>	Space- based femtosecond laser filamentation - a theoretical approach	FILLAS	Institutul National de Cercetare Dezvoltare pentru Fizica Laserilor, Plasmei si Radiatiei (INCDFLPR)	Stancalie Viorica	75	Lista rezerva
48	<b>290</b>	Space Weather Early Warning System	SWEWS	Institutul de Stiinte Spatiale	Ionescu Cristian Dumitru	75	Lista rezerva

49	<b>291</b>	A modern software architecture for sustaining nano-satellite operations	NanoSatOps	S.C. Space Alliance S.R.L.	Mihail Gabriel Marian	75	Lista rezerva
50	<b>257</b>	Sistem inteligent de gestiune a capabilitatilor energetice si a conditiilor de exploatare pentru sisteme de stocare utilizate in domeniul aerospacial	SIGSPACE	S.C. ELCOS PROIECT S.R.L.	Ghita Octavian Mihai	75	Lista rezerva
51	<b>318</b>	Environment friendly technology for high performance composites designated for aerospace structures	HEPHAISTOS	S.C. STRAERO S.A.	Fuiorea Ion	75	Lista rezerva
52	<b>324</b>	Studies and researches to develop magnetostrictive and piezoelectric actuators for aircraft flight control.	AMP-MEA	Universitatea Tehnica din Cluj-Napoca	Balan Horia	75	Lista rezerva
53	<b>330</b>	Innovative concepts concerning advanced materials based on C/C composite with nanofilled phenolic and ceramic matrix	MATCARB	Institutul National de Cercetare-Dezvoltare Aerospaciala "Elie Carafoli" (INCAS S.A.)	Stefan Adriana	75	Lista rezerva
54	<b>347</b>	Big data integration and exploitation model and algorithms	BIGMAG	S.C. Advanced Studies and Research Center S.R.L.	Florin Serban	74	Lista rezerva
55	<b>382</b>	Training workbench for learning control of spatial orientation in extreme conditions	LECOEX	Institutul National de Cercetare pentru Sport - INCS	Bidiugan Radu	74	Lista rezerva
56	<b>389</b>	Optimisations of proportional counters for space science	PROCSS	Institutul de Stiinte Spatiale	Sevenco Adrian	74	Lista rezerva
57	<b>243</b>	Model Predictive Control for Unmanned Aerial Vehicles	MPC-UAV	Universitatea Tehnica din Cluj-Napoca	Balan Radu	74	Lista rezerva
58	<b>247</b>	Versatile Imaging Platform for Emerging Reconfigurable Applications	VIPERA	Universitatea Transilvania din Brasov	Ivanovici Mihai	74	Lista rezerva

59	<b>267</b>	Explosives Awareness and Localization Equipment for Remote Threat Sensing	ExALERTS	S.C. OPTOELECTRONICA S.A.	Popescu Florin Adrian	74	Lista rezerva
60	<b>339</b>	Advanced tools of non-destructive control for spacecraft industry: integrated micro-Raman and IR thermography	RAMIR	Universitatea Politehnica Bucuresti - Centrul for Stiinta Suprafetei si NanoTehnologie	Boerasu Iulian	74	Lista rezerva
61	<b>253</b>	Modeling, development and testing of protective elements used at spatial structures with high risk of impact with hypervelocity micro-meteorites	SIMMAT	S.C. UPS PILOT ARM S.R.L.	Chereches Tudor	73	Lista rezerva
62	<b>373</b>	Spacecraft tracking using radio very long baseline interferometry	SpaceTrack	Institutul de Stiinte Spatiale	Tudose Valeriu	72	Lista rezerva
63	<b>266</b>	Games for Testin Astronaut's Reactions	GAMESTAR	Institutul de Stiinte Spatiale	Popa Vlad	72	Lista rezerva
64	<b>370</b>	Two Satge To Orbit Winged Rocket Launcherfor Small Satellites	ToSTO-WIROL	Institutul National de Cercetari Aerospatiale "Elie Carafoli" (INCAS S.A.)	Panait Alexandru-Marius	72	Lista rezerva
65	<b>399</b>	POWER MODE CONTROL FOR SMPS	P-MODE	S.C. Congruent Consulting S.R.L.	Chirascu Viorel	72	Lista rezerva
66	<b>412</b>	ADVANCED ELECTRONIC LOAD	AEL	S.C. Congruent Consulting S.R.L.	Chirascu Viorel	72	Lista rezerva
67	<b>304</b>	The 217.5 nm absorption band in stellar dust generated by carbon nanoparticle selfassembly as an working hypothesis	superdust	Institutul National de Cercetare-Dezvoltare pentru Fizica Laserilor, Plasmei si Radiatiei (INCDFLPR)	Sandu Ion	71	Lista rezerva
68	<b>238</b>	Cross monitoring of ionospheric perturbations, detected as propagation anomalies of radio waves and correlated with seismic activity and space weather	IONOSTAR	Institutul National de Cercetare Dezvoltare pentru Fizica Pamantului	Moldovan Iren-Adelina	71	Lista rezerva

69	<b>258</b>	Researches for developing of exploration and tracking structures for hostile environments based on natural models	SNAKE ROB	S.C.IAROM S.A. Bucuresti	Toncea Radu Tudor	70	Lista rezerva
70	<b>293</b>	Time Series from Satellite Observations - Advanced Analysis Method	TISSO	Institutul National de Cercetare-Dezvoltare pentru Fizica Laserilor, Plasmei si Radiatiei (INCDFLPR)	Stancalie Viorica	70	Lista rezerva
71	<b>233</b>	SOLAR WEATHER H ALPHA PATROL	HPATROL	Institutul Astronomic al Academiei Romane	Dumitrache Cristiana	70	Lista rezerva
72	<b>265</b>	Technologies and equipments for testing spatial structures impacted by accelerated masses at hypersonic speeds	HYPERIMPACT	S.C. UPS PILOT ARM S.R.L.	Chereches Tudor	70	Lista rezerva
73	<b>310</b>	Novel antimicrobial bioceramic matrix composites: high-performance materials for space applications	BIOSPACE	Institutul National de Cercetare Dezvoltare pentru Fizica Materialelor	Predoi Daniela	70	Lista rezerva