

Programul de Cercetare-Dezvoltare-Inovare pentru Tehnologie Spatiala si Cercetare Avansata - STAR
Competitia pentru proiecte C3 - 2016
Proiecte tip "CDI"
Lista proiecte propuse pentru finantare

Nr. crt.	ID	Domeniu expertiza	Titlu proiect	Acronim	Institutie COORDONATOARE	Director proiect	Punctaj
1	477	3. Earth Observation	Exploration of the auroral ionosphere with Swarm and FAST data	EXPRESS	Institutul de Stiinte Spatiale (ISS)	Marghitu Octav	98
2	634	3. Earth Observation	Multi-satellite techniques applied to Swarm observations of field-aligned currents	MUSTANG	Institutul de Stiinte Spatiale (ISS)	Blagau Adrian	97
3	581	1. Scientific Programme	Open-source software analysis tool to investigate space plasma turbulence and nonlinear DYNamics	ODYN	Institutul de Stiinte Spatiale (ISS)	Teodorescu Eliza	96
4	625	11. Small missions for micro- and nanosatellites	Radio Frequency Plasma Sources for nano - satellites thrusters	RF-PLASS-ST	Institutul National de Cercetare - Dezvoltare Turbomotoare COMOTI	Andreescu Anna-Maria Theodora	95
5	577	2. International Space Station (ISS) Exploitation Programme	ADVANCED AIR DIFFUSION SYSTEM OF THE CREW QUARTERS FOR THE ISS AND DEEP SPACE HABITATION SYSTEMS	QUEST	Universitatea Tehnica de Constructii Bucuresti	Nastase Ilinca	94
6	585	3. Earth Observation	Persistent Scatterers Time-Series Analysis and Post-processing Tool with Application to Infrastructure Threat Detection	PSTool	TERRASIGNA SRL	Toma Stefan Adrian	94
7	632	3. Earth Observation	Semantic Sentinel Data Access Exploitation Platform	SSEDAC	TERRASIGNA SRL	Florin Serban	94
8	552	9. Technology & Science Support	Electric insulated soft magnetic nanomaterials for space applications. Upscale-demonstration of technology	nMAT 2	Institutul National de Cercetare Dezvoltare pentru Inginerie Electrica INCDIE ICPE-CA	Codescu Mirela Maria	94

9	480	3. Earth Observation	Eye on Earth	EonE	Institutul National pentru Fizica Laserilor, Plasmei si Radiatiei (INFLPR)	Sporea Dan	93
10	510	3. Earth Observation	Remote-controlled CCD astro-geodetic zenith instrument for determination of the deviation of the vertical	ASTROZEN	Institutul Astronomic al Academiei Romane	Badescu Octavian	93
11	564	6. Robotic exploration	Biosealing for Mars Sample Containment System	SealSamCo	S.C. Roseal S.A.	Borbath Tunde	93
12	605	9. Technology & Science Support	ADVANCED SOLAR THERMAL PROPULSION SYSTEM FOR INCREASING OF SATELITE OPERATIONAL LIFE	STRAuSS	Institutul National de Cercetare - Dezvoltare Turbomotoare COMOTI	Silivestru Valentin	93
13	465	10. Security - SSA	Near Earth Environment Mobile Observatory	NEEMO	SC WING COMPUTER GROUP SRL	Birlan Mirel Marinel	93
14	606	3. Earth Observation	Development of quadrupole and multipole ion trap based mass spectrometers for optical characterization and chemical analysis of atmospheric aerosol particles	QIT-MS	Institutul National pentru Fizica Laserilor, Plasmei si Radiatiei (INFLPR)	Mihalcea Bogdan Vasile	92
15	656	3. Earth Observation	Technology for Automatic Monitoring of Tree Loss and Gain in Forest Areas	TecMoFor	TERRASIGNA SRL	Cristian Fluerau	92
16	638	9. Technology & Science Support	Improved Technologies for In-Orbit High Geometrical Accuracy and Low Mass Antenna Reflector	ITAR	Institutul National de Cercetare - Dezvoltare Turbomotoare COMOTI	Mihai Dragos	92
17	589	3. Earth Observation	Multi-temporal Synthetic Aperture Radar based detection and mapping of changes of the ground properties induced by water content variations	SAR4Water	TERRASIGNA SRL	Valentin Poncos	91
18	591	3. Earth Observation	Technology for using Copernicus data to survey the dynamics of Romanian agricultural landscape in the context of economic transition and Common Agricultural Policy	Tec-Band	TERRASIGNA SRL	Cristian Fluerau	91
19	599	3. Earth Observation	Improving of ground-based validation techniques of satellite radar interferometry products over tectonic belts. Study area: Carpathian and Subcarpathian Prahova Valley	GEOVIEW	Universitatea Tehnica de Constructii Bucuresti	Dumitru Paul Daniel	91

20	701	3. Earth Observation	Integrated platform for land/water monitoring based on remote and in situ measurements	RISE	Universitatea POLITEHNICA din Bucuresti-Centrul de Cercetare pentru Informatie Spatiale	Sacaleanu Dragos Ioan	91
21	452	4. Telecommunications & Integrated Applications	SDR-based Terrestrial Gateway for M2M and IoT Applications	STARGATE-MIPS	Universitatea Transilvania Brasov	Popescu Vlad	91
22	584	7. Human Spaceflight & Microgravity	Body energy harvesting and conversion for backup electronic power supplies	BEHPS	Universitatea din Bucuresti	Zarnescu George Claudiu	91
23	612	7. Human Spaceflight & Microgravity	Technologies for elastomeric nanocomposites development for low temperature and radiation resistant O-rings manufacturing, with potential applications in space, aeronautics, security and other related fields	NANOELAST-O	Institutul National de Cercetare Dezvoltare pentru Textile si Pielarie - Sucursala ICPI	Steescu Maria Daniela	91
24	429	8. Launchers	Suborbital Launch System Developing - Flight Experiments	SLD	Universitatea POLITEHNICA din Bucuresti - Centrul de Cercetari pentru Aeronautica si Spatiu	Chelaru Teodor-Viorel	91
25	504	8. Launchers	Dynamic Automatic High-Altitude Recovery of Reusable Launch Systems	DAHARRLS	Institutul National de Cercetare Dezvoltare Aerospatiale "Elie Carafoli" - INCAS	Neamtu Andrei-Sorin	91
26	544	8. Launchers	3d printing technology evaluation for turbopump rotor manufacturing	3dRotor	Institutul National de Cercetare-Dezvoltare Turbomotoare COMOTI	Vilag Valeriu-Alexandru	91
27	537	1. Scientific Programme	Cluster Flux Gate Magnetometer Daily Calibration and Plasma Waves Analysis	TUNED-PLAY	Institutul de Stiinte Spatiale (ISS)	Constantinescu Ovidiu Dragos	90
28	505	3. Earth Observation	Atmospheric studies in support of ESA's sentinel 4 and 5 products	ASSESS	Institutul National de Cercetare Dezvoltare Aerospatiale "Elie Carafoli" - INCAS	Boscornea Andreea	90
29	667	3. Earth Observation	Service for water quality monitoring for sustainable fishing in Romanian Coastal area	SkyFISH	TERRASIGNA SRL	Constantinescu Stefan	90
30	680	3. Earth Observation	SaTellite pRoducts vAlidaTion USing ground based lidar stations	STRATUS	Institutul National de Cercetare Dezvoltare pentru Optoelectronica INOE 2000	Belegante Livio	90

31	566	6. Robotic exploration	Multimodal machine interaction for space applications based on human biopotentials	BRAINSPACE	Universitatea Transilvania din Brasov	Postelnicu Cristian-Cezar	90
32	466	7. Human Spaceflight & Microgravity	In vitro evaluation of potential biomedical strategies aimed to prevent bone loss during spaceflight	SPACEBONE	Institutul de Biochimie al Academiei Romane	Sima Livia Elena	90
33	614	8. Launchers	Pulse Operated, High Efficiency Thermoelectric Generator based on ultrafast thermal charging supercapacitors useful as power source for launchers	POHETEGUS	Institutul National de Cercetare Dezvoltare pentru Inginerie Electrica INC DIE ICPE-CA	Nedelcu Marin	90
34	439	9. Technology & Science Support	Hybrid power source for pseudo-satellites	HYPOPS	Universitatea din Craiova	Corcau Jenica Ileana	90
35	448	9. Technology & Science Support	Sustainable Biochemical Method for Air Revitalisation in Spacecrafts	BIO-MARS	Universitatea Tehnica "Gheorghe Asachi" din Iasi	Soreanu Gabriela	90
36	601	9. Technology & Science Support	Near-field Wireless Power Transfer for Networked Space Entities	NEWIPTRANSE	Universitatea POLITEHNICA din Bucuresti	Rosu Stefan-George	90
37	603	9. Technology & Science Support	Development of a new Instrument for Monitoring of the Astronauts Health	IMAH	Institutul National pentru Fizica Laserilor, Plasmei si Radiatiei (INFLPR)	Achim Cristina	90
38	450	3. Earth Observation	Aerosol properties retrieval from remote sensing spectroscopic measurements	AIRFRAME	Institutul National de Cercetare-Dezvoltare pentru Optoelectronica INOE 2000	Vasilescu Jeni	89
39	695	3. Earth Observation	Developing a technology to combat drought forecasted at national level by using satellite, observational and climate model data	DROUGHTSAT	Institutul National de Cercetare-Dezvoltare pentru Protectia Mediului (INCDPM)	Matei Monica	89
40	630	4. Telecommunications & Integrated Applications	Multilayer coatings for low PIM space antenna	MCOATANT	Institutul National pentru Fizica Laserilor, Plasmei si Radiatiei (INFLPR)	Valentin Ion	89
41	434	6. Robotic exploration	Image acquisition module with real time image pre-processing component	ACQUIRE	Institutul de Stiinte Spatiale (ISS)	Ghenescu Veta	89

42	462	8. Launchers	Research, design, development and bench testing of a hybrid reactive propulsion system for space launcher applications area , with innovative inhomogeneous fuel and adaptive electrical control of parameters	SPECH	Academia Tehnica Militara	Tiganescu Tudor-Viorel	89
43	528	9. Technology & Science Support	Advanced Ceramic Thermal Protective Systems Developed through Combinatorial EB -PVD Deposition Technology	ANDROTECH	Institutul National de Cercetare-Dezvoltare pentru Metale Neferoase si Rare	Piticescu Radu-Robert	89
44	554	9. Technology & Science Support	Concept Development of an Energy Storage Unit Using High Temperature Superconducting Coil for Spacecraft Power Systems	SMESinSpace	Institutul National de Cercetare-Dezvoltare pentru Tehnologii Criogenice si Izotopice ICSI Rm. Valcea	Varlam Mihai	89
45	590	9. Technology & Science Support	Development of an Electronic Selection Matrix Module for Imaging applications in THz domain	ESMM	Institutul de Stiinte Spatiale (ISS)	Mogildea Marian	89
46	620	9. Technology & Science Support	Efficient Piezoelectric Energy Harvesters to Power Supply Inaccessible Sensors Networks and Low Power Devices for Aerospace Applications	PiezoHARV	Institutul National de Cercetare-Dezvoltare pentru Microtehnologie - IMT Bucuresti	Moldovan Carmen	89
47	503	11. Small missions for micro- and nanosatellites	Satellite hybrid micro-thrusters	SATY	Alexandru Ioan Cuza University of Iasi	Gurlui Silviu	89
48	486	1. Scientific Programme	SYNTHESIS OF INTERSTELLAR DUST ANALOGS BY PLASMA METHODS	PLASMADUST	Universitatea Alexandru Ioan Cuza din Iasi	Topala Ionut	88
49	708	1. Scientific Programme	Plasma Shocks and Instabilities in Relativistic Jets of Gamma-ray Bursts	GRBjets	Institutul de Stiinte Spatiale (ISS)	Dutan Ioana	88
50	500	3. Earth Observation	Fuzzy Statistics applied in Satellite Image Time Series Classification based on Longest Common Subsequence	LOCOSITS	Institutul de Stiinte Spatiale (ISS)	Cucu-Dumitrescu Catalin	88
51	624	8. Launchers	Micr LAuncher based on DEtonation Engine	MILADEE	Institutul National de Cercetare Dezvoltare Turbomotoare COMOTI	Porumbel Ionut	88
52	556	9. Technology & Science Support	Superlens using metasurfaces and graphene thin coatings as a photonic component for micro and nanosatellites	SPACEPHOTONICS	Institutul National pentru Fizica Laserilor, Plasmei si Radiatiei (INFLPR)	Garoi Petronela	88

53	567	9. Technology & Science Support	Co-based magnetic nanostructured material with potential space applications	nMAT4SPACE	Institutul National de Cercetare Dezvoltare pentru Inginerie Electrica INCDIE ICPE-CA	Codescu Mirela Maria	88
54	583	9. Technology & Science Support	Stratospheric microsystems platform for aerospace observation, testing and research	STRATOTEST	ELCOS PROIECT SRL	Ghita Octavian Mihai	88
55	593	9. Technology & Science Support	Metallic Plasma Microwave Thruster for space applications	MPT	Institutul de Stiinte Spatiale (ISS)	Mogildea Marian	88
56	622	9. Technology & Science Support	New magnetic heat transport for thermal management in aerospace electronics	PCB-MAG	Institutul National pentru Fizica Laserilor, Plasmei si Radiatiei (INFLPR)	Mihailescu Cristian Nicolae	88
57	626	9. Technology & Science Support	DEVELOPMENT OF WATER ELECTROLYSIS SYSTEMS WITH APPLICATION FOR SMALL-SCALE SATELLITES	ELySSA	Institutul National de Cercetare Dezvoltare Turbomotoare COMOTI	Popescu Jeni Alina	88
58	639	9. Technology & Science Support	Multifunctional nanocomposites based on transition metal oxides with aerospace applications	OXITRANS	Institutul National de Cercetare-Dezvoltare pentru Microtehnologie - IMT Bucuresti	Matei Alina	88