

COMPETITIE CNCS - 2011

PROGRAMUL PARTENERIATE IN DOMENIILE PRIORITATE - Proiecte Colaborative de Cercetare Aplicativa - PCCA

Proiecte Depuse in Competitia CNCS - 2011 - PCCA - COORDONATORI

Nr. Crt.	Facultatea	Departamentul	Responsabil Proiect	Tema Proiect
1	Automatica si Calculatoare	Automatica si Informatica Aplicata	ANDREESCU Gheorghe Daniel	Fresnel Lenses Thermo - Electric Solar Plant
2			PROSTEAN Octavian	MICROgrid integrated small power RENEwable energy hybrid systems
3		Calculatoare	MARCU Marius	Energy - Aware Platform for Mobile Collaborative Application
4	Arhitectura	Arhitectura	GHEORGHIU O. Teodor	Turismul cultural si dezvoltarea locala-studiu de caz zona de vest a Romaniei
5	Chimie Industriala si Ingineria Mediului	Chimie Aplicata si Ingineria Compusilor Anorganici si a Mediului	PODE Rodica	Procedee ecologice de tratare a apelor continand Cr (VI)
6			FAGADAR-COSMA Gheorghe-Reinhold	Tehnologie inovativa si eficienta pentru neutralizarea avansata a cianurilor din apele reziduale de la exploatare aurifere
7			STOIA Marcela	Senzori pe baza de materiale oxidice nanostructurate pentru detectia contaminantilor proveniti din agricultura, in ape si aer
8		Chimie Aplicata si Ingineria Compusilor Organici si Naturali	HADARUGA I. Daniel	Cercetari avansate in balistica judiciara
9	Constructii	Constructii Civile si Instalatii	DAN Daniel	Nearly Zero Energy BUILDing and passive house - sustainable solutions for residential houses
10		Constructii Metalice si Mecanica Constructiilor	DUBINA Dan	OPTImal SOLution for external Wall and Floor systems applied to new and existing buildings
11			DINU Florea	Structural conception and Collapse control performance based Design of multistory structures under aCcidental actions
12			STRATAN Aurel	RE-CENtring seismic-resistant steel structures with removable dissipative components
13			UNGUREANU Daniel-Viorel	Grinzi realizate din profile de otel formate la rece imbinate cu suruburi autofiletante, cu inima din tabla cutata (COLD-formed steel beams of screwed CORrugated webs)
14	Electronica si Telecomunicatii	Comunicatii	GUI Vasile	Sistem inteligent de asistare si crestere a performantei diagnostice in ecografia cu substanta de contrast pentru leziuni circumscrie hepatice
15	Mecanica	Mecatronica	ARGESANU Veronica	Education Quality Improvement by Virtual Reality-based Dental Learning simulators
16			LOVASZ Erwin-Christian	Robotic Anthropomorphic Equipment Assigned to Recovery of Mobility Function for Persons with Locomotor Disabilities
17		Masini Mecanice, Utilaje si Transporturi	IONEL Ioana	Identification of Thermal inversions and their impact on urban Air Quality, by synergistic use of modeling, in situ and remote sensing techniques
18			CICALA Eugen	Modelling and Optimization of Technological Processes for Advanced Materials - Processing of Metal Foams
19			STOIAN Floriana Daniela	Photovoltaic Energy Harvesting Device with Magnetic Nanofluid Core Micro-Transformer
20			IRIMESCU Adrian	Fuel Heat Exchanger and Control Module for Alcohol Port Injection Spark Ignition Engines
21		Mecanica si Rezistenta Materialelor	MARINCA Vasile	Platforma robotizata inovativa-suport de servicii pentru asistarea si integrarea persoanelor cu dizabilitati locomotorii si/sau in varsta
22			HERISANU Nicolae	Development of methodological infrastructure for assessing hearing damage caused by regular exposure to occupational noise
23		Ingineria Materialelor si a Fabricatiei	SERBAN Viorel-Aurel	Materiale avansate pentru brazarea electrica prin presiune a otelurilor acoperite cu straturi metalice
24			UTU Dragos	Obtinerea si caracterizarea implanturilor medicale acoperite cu microstraturi compozite biocompatibile depuse prin procedee moderne de pulverizare
25			BELGIU George	Integrated Technology of Manufacturing Process and Control
26	Italia		MANESCU Adrian	Advanced integrated system for remote vital signs monitoring in lung cancer disease
27	Ungaria		KOVACS Levente	Prediction and early detection of obesity and its complications in adolescents by routine measurements
28	Ungaria		MAROTI Gergely	Simultaneous BIOhydrogen production and wastewater treatment by selectively enriched anaerobic mixed microbial consortium

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1	Automatica si Calculatoare	Automatica si Informatica Aplicata	PRECUP Radu-Emil	Produce software bazate pe algoritmi de inteligenta artificiala cu aplicatii in modelarea si optimizarea sistemelor chimice	
2			PRECUP Radu-Emil	Networked Embedded Real Time Control of Automotive Electrical Drive Systems	
3			PRECUP Radu-Emil	Intelligent Control Systems for BIOprocesses in food industry	
4		Calculatoare	HOLBAN Stefan	Developing Techniques to Successfully Identify Companion Diagnostic and Novel Therapeutic in Breast Cancer	
5	Chimie Industriala si Ingineria Mediului	Chimie Aplicata si Ingineria Compusilor Anorganici si a Mediului	FAGADAR-COSMA Gheorghe-Reinhold	Novel nano-structured improved materials and thin-layer deposition technologies to obtain active elements for gas and humidity sensors	
6			MANEA Florica	Sistem integrat pentru reducerea impacturilor si riscurilor de mediu si asupra sanatatii umane in ciclul de utilizare al apei	
7			MANEA Florica	Development of new and green-chemistry device for wastewaters decontamination	
8			MANEA Florica	Dezvoltarea unui nou iminosenzor pe baza de dioxid de titan pentru detectia rapida a fungilor	
9			NEGREA Petru	Technology for clean Hydrogen production	
10			LUPA Lavinia	Sistem integrat de potabilizare a apelor subterane ce contin arsen, nitrati si nitriti destinat imbunatatirii calitatii vietii in gospodariile individuale	
11		Chimie Aplicata si Ingineria Compusilor Organici si Naturali	BANDUR Geza-Nicolae	Dezvoltarea unui nou senzor pentru detectia materialelor explozibile	
12	Constructii	Cai de Comunicatie Terestre, Fundatii si Cadastru	BELC Florin	A new generation of mixtures - ecological composite asphalt mixtures - based on vegetal, mineral and organic products resulted from industrial waste recovery	
13		Constructii Metalice si Mecanica Constructiilor	IVAN Adrian	Platforma online pentru identificarea solutiilor, tehnicilor si materialelor necesare la realizarea sau reabilitarea eficiente energetice a cladirilor	
14		Hidrotehnica	GHERMAN Vasile	Recuperarea naturala a fosforului biologic din apele uzate orasenesti si reutilizarea ca ingrasamant	
15	Electronica si Telecomunicatii	Comunicatii	NAFORNITA Ioan	Non-Cooperative Person Recognition in Video Under Extreme Conditions	
16		Masurari si Electronica Optica	LASCU Mihaela	Photovoltaic solutions for preventing desertification	
17	Inginerie din Hunedoara	Inginerie si Management	HEPUT Teodor	Tehnologii inovative de reutilizare a deseurilor provenite din industrie la fabricarea produselor refractare din micropulberi superluminosae	
18	Management in Productie si Transporturi	Management	DRAGHICI Anca	Cercetari bazate pe managementul cunoasterii privind integrarea culturii de siguranta in cadrul intreprinderilor producatoare de masini-unelte avansate	
19	Mecanica	Masini Mecanice, Utilaje si Transporturi	IONEL Ioana	Lidar-based early warning System for volcanic Ash	
20			LELEA Dorin	Patterned surfaces for applications in rheometry and microfluidics	
21			MARINICA Oana	Tehnica inovatoare pentru ridicarea nivelului de securizare al hartiiilor speciale, prin folosirea amprentei superparamagnetice a dispersiilor de nanoparticule magnetice	
22			STOIAN Floriana Daniela	Nanofluidice magnetice si fluide magnetizabile nano-micro compozite cu magnetizatie ridicata: aplicatii in etansari rotoare pt. presiuni ridicate si conditii grele de exploatare, respectiv in dispozitive magnetoreologice de control	
23			TRIF-TORDAI Gavrila	Innovative Strategy for RISK and Impact Assessment Associated to Atmospheric Pollutants Emitted by Large Combustion Power Plants	
24			NAGI Mihai	Thermal Management Systems of Battery Packs for Electrical Vehicles	
25			HERMAN Richard	Cercetari privind aplicarea unor tehnologii de inalta precizie si eficienta pentru TAierea si GRAvarea cu fascicul Laser	
26			VASILESCU Mircea Dorin	Realizarea Elementelor Unicat pentru Caroserii printr-o Tehnologie Inovativa de Deformare cu Jet de Particule	
27			HOLOTESCU Sorin	Artificial Neural Networks for the estimation of the chemical reaction source term in Computational Fluid Dynamics algorithms	
28			IANCULUI Dumitru	eEfficient, safe and eco-friendly mobility services in urban areas	
29			STANCIU Ion Rares	Sistem Integrat de Comanda si Control al MicroHidroagregatelor cu Autoadaptare la Conditile de Exploatare de pe Raurile Interioare din Romania	
30			Mecanica si Rezistenta Materialelor	MARSAVINA Liviu	High Performance Lightweight Panels with a new Optimised Design for Advanced Aircraft Structures
31			Ingineria Materialelor si Fabricatiei	RADUTA Aurel	Optimization of metallurgical processes for the manufacturing of nodular cast irons through the use of thermal analysis system
32				NICOARA Mircea	Realizarea unor Componente Mecanice Rezistente la Temperatura si Uzura prin Sinterizare Reactiva a Compozitelor de tip Al2O3
33				NICOARA Mircea	Procedee inovative de obtinere a otelurilor din pulberi prin carburare-sinterizare
34				DRAGHICI George	Sistem integrat hibrid de formare profesionala
35			Mecatronica	SAVII George Gustav	Materiale bioanorganice si magnetice avansate si nanocompozite pe baza de silice, pentru biomedicina, cu comportament special controlat prin functionalizare

TOTAL PROIECTE DEPUSE COORDONATORI SI PARTENERI: 63