

ANEXA 4

Bazele de date

Tabele centralizatoare

**Strategia de cercetare-dezvoltare in domeniile materiale noi, micro si nanotehnologii,
in perspectiva integrarii in spatiul de cercetare european**

Anexa 4

INSTITUTII

Nr. Crt.	Nume / adresa / web page	Manager: Funcție / titlu / nume / email	Tipul institutiei* / Implicarea in domeniu**	Domeniu / Cuvinte cheie	Resurse umane (numar)						Proiecte (numar)						
					Total	Cercetatori	Doctori	Doctoranzi	Burse str	Studenti	Internationale			PNCDI			
											PC6	PC5	Alte programe	Matnantech	Infosoc	Biotech	Viasan
1.	Universitatea Tehnica "Gh Asachi" din Iasi / Bd D Mangeron 67, 700050 Iasi, Romania / www.tuiasi.ro	Rector / Prof dr ing / Nicolae Badea / isaraulea@staff.tuiasi.ro	Education, research / UNI	Research and development of materials and technologies / multifunctional materials, surface engineering	93	6	45	4	0	30	0	0	0	2	0	0	0
2.	ICPE-Cercetari Avansate / 313 Splaiul Unirii, 0301383 Bucharest / www.icpe-ca.ro	Director / Prof. Dr. Phys. / Wilhelm Kappel / kappel@icpe-ca.ro	research / SACD	3.4.1, 3.4.2 / 3.4.1.3, 3.4.1.5, 3.4.2.2, 3.4.2.3	150	148	25	22	0	3	0	0	11	25	0	1	2
3.	Universitatea Tehnica din Cluj Napoca / 400020 Cluj-Napoca, 15 C. Daicoviciu Street / www.utcluj.ro	Rector / Professor / Radu Munteanu / RaduMunteanu@mas.utcluj.ro	development politics, research / UNI	Nanotechnologies and Nanosciences, Knowledge-based / FP6-NMP-NI-3, FP6-2003-NMP-TI-3-main	56	25	26	23	1	8	0	2	15	5	1	4	1
4.	Institutul de Cercetari Produse Auxiliare Organice / 551022, Medias, str. Carpati 8 / http://icpao.birotec.ro	Engineer - Senior Researcher / Blajan Olimpiu / icpao@birotec.ro	user of research / CDSA	3.4.1. ; 3.4.2. ; 3.4.3. ; 3.4.4. / nanostructured composites, multifunctional materials	17	15	0	0	0	1	0	0	0	2	0	2	0

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5.	Institutul National de C-D pentru Fizica Tehnica / 47 Mangeron Blvd, RO 700050 Iasi / www.phys-iasi.ro	Prof. Dr. / Horia Chiriac / hchiriac@phys-iasi.ro	technological transfer / INCD	Nanocrystalline - nanostructured magnetic materials / nanocrystalline/nan ostructured magnetic materials	34	36	17	8	0	0	1	0	0	5	4	4	0
6.	Institutul National de Cercetare Dezvoltare in Sudura / 300222 Timisoara, Bd. Mihai Viteazul 30 / www.isim.ro	Director / Prof. dr. ing. / Dorin Dehelean / ddehelean@isim.ro	research / INCD	welding and material testing / microimbinari,laser, ultrasunete, materiale biocompatibile, ceramice, pulverizare	106	36	9	16	0	2	3	3	8	2	1	0	0
7.	Institutul de cercetari metalurgice ICEM-SA / Mehadia Str, 39, Bucuresti / www.icem.ro	Director / dipl. eng. / Mircea Dobrescu / dobrescu@metal.icem.ro	development politics / CDSA	Iron and steel making and special alloys, heat treatments / ferrous, non- ferrous metals & alloys	166	58	13	12	0	0	0	0	1	9	0	0	0
8.	International Center of Biodynamics / Calea Plevnei 46-48 010233 Bucharest / http://www.biodyn.ro	Director / Physicist / Eugen Gheorghiu / egheorghiu@biodyn.ro	Research /	noninvasive methods to characterize the state and dynamics of (non) biological systems Bioassay and biosensors													
9.	Universitatea Politehnica Timisoara / P-ta Victoriei nr.2 / www.utt.ro	Rector / Prof. Dr. Eng. / Ioan Gheorghe Cartis / icartis@rector.utt.ro	research / UNI	Engineering Sciences / magnetic nanoparticles, magnetic nanofluids	27	27	15	8	4	10	0	0	3	2	0	1	0

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10.	S.C. ROSEAL S.A. / RO-535600 Odorheiu Secuiesc, Nicolae Balcescu street / www.topnet.ro/roseal	Director / Eng. / Borbath Istvan / roseal@topnet.ro	technological transfer / SC	Knowledge based multifunctional materials / nanostructured materials, magnetic nano fluids	0	0	0	0	0	0	0	0	0	1	1	0	0	0
11.	Universitatea Babes-Bolyai / Str M Kogalniceanu, 1, Cluj- Napoca / www.ubbcluj.ro	Rector / Professor / Nicolae Bocsan / staff@staff.ubbcluj.ro	Education, research / UNI	Multifunctional nanostructured materials / nanophotonics, nanoparticles, self- assembling	7	8	4	2	1	2	0	0	0	0	0	0	0	0
12.	Universitatatea din Bucuresti Facultatea de Chimie / Bd. Mihail Kogalniceanu 34-36, Bucuresti	Rector / Prof. Univ. / Ion Mihailescu	Education, research / UNI	Chimie														
13.	Institutul National al Lemnului / Bucuresti, str. Fabrica de Glucoza nr.7 / www.inl.ro	Director general / Ioan Ciurea / office@inl.ro	development politics / SACD	Cercetare, studii de proiectare, marketing / lemn, adezivi, lacuri	13	10	3	0	0	0	0	0	3	1	0	0	0	0
14.	Institutul de Chimie Macromoleculara "Petru Poni" / Aleea Grigore Ghica Voda 41A, 700487, Iasi / www.icmpp.ro	Prof. dr. ing. / Bogdan C. Simionescu / bsimion@icmpp.ro	research / I-AR	Polymer chemistry and physics / micro/nanoparticles capsules, nanocomposites	175	229	97	36	0	40	4	2	5	13	0	1	0	0
15.	CCSMM / str. CA Rosetti, 37, Bucuresti /	Director general / Acad. / Victor Voicu	research															
16.	Institutul National C-D pentru Electrochimie si Materie Condensata / Timisoara, Str. Deaconu Coresi 144 /	Doctor / Nicolae Mirica / office@iechem.dnttm.ro	Education, research / INCD	Research- Development / condensed matter, electrochemistry	56	78	9	8	7	3	0	0	0	3	0	0	0	0

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17.	Universitatea de Studii Agricole si Medicina Veterinara / Calea Aradului 119 / www.usab-tm.ro	Prof. dr., Academician / Paun Ioan Otiman / usabtm@mail.dnttm.ro	Education, research / UNI	Biotehnologie vegetala / in vitro, cariotip, nanomateriale	180	2	24	50	2	40	0	0	1	0	0	2	0
18.	INCD Chimico – Farmaceutice / Calea Vitan 112, Bucuresti / www.ncpri.ro	Dr. / Misu Moscovici	research / INCD	Chimie													
19.	Universitatea "Petru Maior" din Targu Mures / Str. Nicolae Iorga nr. 1, Targu Mures / www.upm.ro	Prof. dr. ing. / Liviu Marian / rectorat@upm.ro	Education, research / UNI	Fizica straturilor subtiri dure, nanocompozite / Nitruri/carburi metale de tranzitie, nanostructuri	12	18	6	3	5	6	0	2	5	0	0	0	0
20.	Academia Romana - Filiala Timisoara / Bv. Mihai Viteazul nr. 24 / www.academiaromana.ro	Prof. dr. ing. / Paun Ioan Otiman / ipotiman@acad-tim.tm.edu.ro	research / I-AR	engineering sciences, linguistic, astronomy / hydrodynamics, cavitation, magnetic fluids	70	54	10	0	8	0	0	0	1	2	0	1	0
21.	Institutul de Metale Neferoase si Rare / 102 Biruintei Blvd, Pantelimon, Ilfov / www.imnr.ro	Director / PhD / Teodor Velea / imnr@imnr.ro	technological transfer / SACD	Knowledge-based multifunctional materials / multifunctional materials, biomaterials, new processes	56	59	8	18	0	0	0	4	12	7	0	0	1
22.	Institutul de Biochimie / Spl. Independentei 296, Bucuresti / www.biochim.ro	Director general / Dr. / Stefana Petrescu / stefana@biochim.ro	research	Biochimie													
23.	Institutul de Biologie / Spl. Independentei 296, Bucuresti / http://www.ibiol.ro	Dr. / Marin Falca / marin.falca@ibiol.ro	research	Biologie													

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24.	Universitatea din Galati / Domneasca Street, 47 / www.ugal.ro	Rector / Professor / Emil Constantin / Emil.Constantin@ugal.ro	Education, research / UNI	Nanotechnologies and nanosciences / Nanostructured surfaces, nanoparticles, composite	6	0	4	2	0	0	0	0	0	0	0	0	0
25.	Institutul de Chimie "Coriolan Dragulescu" Timisoara / Timisoara, Bv. Mihai Viteazul nr. 24 /	Prof. dr. / Mircea Miracec / mracec@acad-icht.tm.edu.ro	research / IP	cercetare fundamentala in domeniul chimiei / sol-gel, sonosinteza, matrici poroase hibride	119	122	27	24	14	0	0	0	0	0	0	0	0
26.	Universitatea din Craiova / 13 A.I. Cuza / www.central.ucv.ro	Prof. dr. ing. / Mircea Ivanescu / rector@central.ucv.ro	Education, research / UNI	Metalurgia Pulberilor / Tehnologii, procesare, modelare, materiale	18	13	8	2	9	5	0	0	2	0	0	0	0
27.	Universitatea Valahia Targoviste / 2, Boulevard Regele Carol I, Targoviste / www.valahia.ro	Rector / Prof. dr. ing. / Nicolae Olariu / olariu@valahia.ro	research / UNI	3.4.1 Nanotechnologies and nanosciences / nanotechnologies	6	4	0	0	0	0	0	1	3	8	4	0	0
28.	Institutul National de C-D pentru Fizica Materialelor / www.alpha1.infim.ro	Director general / Dr. / Stefan Frunza	research / INCD	Fizica materialelor													
29.	Institutul National de C-D pentru Fizica Laserilor, Plasma si Radiatie / Str. Atomistilor 111, PO Box. MG-36, Bucuresti-Magurele / www.ifin.nipne.ro	Director general / Dr. / Rares Medianu / medianu@ifin.nipne.ro	research / INCD	Cercetari in domeniul opticii, laserilor, fizica plasmei													

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30.	Universitatea "Politehnica" din Bucuresti	Rector / Prof.dr.ing. / Ecaterina ANDRONESCU e_andronescu@rectorat.pub.ro	Education, Research / UNI															
31.	Institutul de Chimie Fizica "Ilie G. Murgulescu"	Director, Prof. Dr. Mihail Popa mpopa@chimfiz.icf.ro	Research/ I-AR															
32.	ICECHIM Bucuresti		Research / INCD Institutie aflata in reorganizare	In curs de redefinire a domeniilor de activitate														
33.	Institutul National de C-D pentru Microtehnologie / Erou Iancu Nicolae Street, 32B, Bucharest, 077190 or CP 38-160, Bucharest 023573 / www.imt.ro	Professor, member of the Romanian Academy / Dan Dascalu / dascalu@imt.ro	Array / INCD	Micro and Nanotechnologies; Micro and Nanostructures; Microsystems; Micro and Optoelectronics; Microwave devices / micro- nano-technologies, micro-nanostructures, microsystems, micro/optoelectronics, microwave devices	163	89	22	15	26	7	10	3	4	44	1	2	0	

*) conform clasificarii din PNCDI

**) cercetare/ transfer tehnologic/ utilizator al cercetarii/ educatie/ politici de dezvoltare/ activitati suport

CENTRE DE COMPETENTA

(un grup, un colectiv, un laborator sau un departament avand un profil de activitate bine definit)

Nr. Crt.	Nume centru	Domeniu de activitate/ cuvinte cheie/ topica FP6 de interes	Persoana de contact/ e-mail	Institutia / adresa
1.	X-Ray Diffraction Laboratory	Nanotechnologies and nanosciences / nanoparticle, nanosurface, structure, analysis	Gheorghies Constantin cgheorg@ugal.ro	University "Dunarea de Jos" of Galati
2.	Management integrated quality-environment	3.4.1 / 3.4.1.5	Georgeta Alecu alecu@icpe-ca.ro	Advanced Research Institute for Electrical Engineering
3.	Multifunctional Materials	Research and development of multifunctional materials / shape memory alloys, amorphous alloys, composite materials	Leandru-Gheorghe Bujoreanu lgbujor@tuiasi.ro	The "Gh Asachi" Technical University from Iasi
4.	New Flexible Technologies and Equipment for Plastic	Technologies associated with the production / new processes, industrial systems, cycle-life tools	Luchian Zaharia lzaharia@mail.tuiasi.ro	The "Gh Asachi" Technical University from Iasi
5.	Condensed Matter Research Institute	Integration of nanotechnologies, new materials / Multifunctional materials, nanostructured surfaces	Ioan Grozescu grozescu@icmct.uvt.ro	INCEMC
6.	Research Center for Materials Science	Nanotechnologies and nanosciences, knowledge based FP6-2003-NMP-NI-3, FP6-2003-NMP-TI-3	Radu L. Orban Radu.Orban@stm.utcluj.ro	Technical University of Cluj-Napoca
7.	Nano-meter scale engineering techniques	Research and development of conventional and unconventional engineering techniques / heating, cooling, quenching, annealing, tempering	Constantin Baciuc cbaciuc@tuiasi.ro	The "Gh.Asachi" Technical University from Iasi
8.	New production technologies and equipment	Research and development / centrifugal casting, alloying, metallic moulds	Adrian Dima peviz@tuiasi.ro	The "Gh.Asachi" Technical University from Iasi
9.	Research Department for iron and steel processes	Technologies of sustainable development for pig iron / Pig iron, steel, energy, alternative resources	Gheorghe Iorga iorga@metal.icem.ro	Metallurgical Research Institute

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10.	Laboratory of Coordination Chemistry	Nanotechnologies and nanosciences / NMP	Luminita Ileana Patron Luminita_Patron@yahoo.com	Institute of Physical Chemistry "I. G. Murgulescu"
11.	Polymer Multifunctional Composites	3.4.1. ; 3.4.2. ; 3.4.3. ; 3.4.4. / nanostructured composites; multifunctional materials	Hudak Gyongyike icpao@birotec.ro	Research Institute for Auxiliary Organic Products
12.	Advanced Research Institute for Electrical Engineering	3.4.1.3 / Nanostructured surfaces	Mariana Lucaci lucaci@icpe-ca.ro	Advanced Research Institute for Electrical Engineering
13.	Carbonic Materials	3.4.1 Nanotechnologies and nanosciences / 3.4.1.3 Nano-metre scale engineering techniques	Ana Maria Bondar abondar@icpe-ca.ro	Advanced Research Institute for Electrical Engineering
14.	Laboratory of Chemical Thermodynamics	Nanotechnologies and nanosciences / Research tools for interdisciplinary research	Speranta Tanasescu stanasescu@chimfiz.icf.ro	Institute of Physical Chemistry "I.G.Murgulescu"
15.	Nanophotonics group (NanoPhoton)	Bottom-up methods for fabricating materials / nanospheres, colloids, self-assembling	Simion Astilean sastil@phys.ubbcluj.ro	Babes-Bolyai University
16.	Surface Chemistry and Catalysis Department	Preparation and characterization of nano materials / Nano materials, nano thin films, physical properties	Mariuca Gartner mgartner@icf.ro	Institute of Physical Chemistry
17.	The Centre for Amorphous and Nanostructured Magnet	Nanotechnologies and nanosciences / Magnetic materials / Nanocrystalline and nanostructured magnetic materials	Horia Chiriac hchiriac@phys-iasi.ro	National Institute of Research and Development for Technical Physics
18.	Special alloys and sintered products research department	Theoretical and experimental investigations / nonferrous alloys, memory shapes alloys, hard metals	Mioara Chivu chivu@metal.icem.ro	Metallurgical Research Institute of Bucharest
19.	Center for Fundamental and Advanced Technical Research	Engineering Sciences / hydrodynamics, cavitation, magnetic nanofluids	Ladislau Vekas vekas@acad-tim.tm.edu.ro	Romanian Academy - Timisoara Division
20.	Laboratory of Chemical Kinetics	physical chemistry, catalysis, hydrocarbon oxidation / heterogeneius catalysis, hydrocarbon oxidation	Caldararu Monica mcaldararu@chimfiz.icf.ro	Institute of Physical Chemistry "I.G.Murgulescu"
21.	Quantum chemistry and molecular structure	understanding materials phenomena / micelles, surfactant-protected nanoparticles	Marilena Vasilescu mvasilescu@icf.ro	Institute of Physical Chemistry "I.G.Murgulescu"

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22.	National Center for Engineering of Systems with Co	Engineering Sciences / hydrodynamics, magnetic properties, rheological properties	Ladislau Vekas vekas@acad-tim.tm.edu.ro	University Politehnica of Timisoara
23.	Molten Salt Department	3.4.2 Knowledge-based multifunctional materials / nanostructure, physico-chemical properties	Corneliu Mircea Olteanu olteanu_001@yahoo.com	Institute of Physical Chemistry "I.G.Murgulescu"
24.	Laborator de testare, ameliorare si protectia lemnului	Studii, testari si solutii de protectie si ameliorare / tratare - ameliorare - protectie lemn	Octavia Zeleniuc office@inl.ro	Institutul National al Lemnului
25.	Laborator testare continut si emisie formaldehida	Testari continut emisie de formaldehida din placi / Formaldehida, placi din lemn	Victoria Teleaba office@inl.ro	Institutul National al Lemnului
26.	Laborator incercari usi - ferestre	Studii, teste, solutii constructive pentru usi si ferestre / Cercetari, lemn, produse	Neagu Ene office@inl.ro	Institutul National al Lemnului
27.	Laborator studiul lemnului si a productiei	Studiul speciilor indigene noi de lemn, noi produs / Cercetare, lemn, produs, mediu	Ene Neagu office@inl.ro	Institutul National al Lemnului
28.	Laborator incercari mobila	Studii, teste si solutii constructive pentru mobila / Teste, mobilier, fenererie	Nicolae Stoean office@inl.ro	Institutul National al Lemnului
29.	Laborator testari adezivi	Testarea adezivilor polivinilici, ureoformaldehydici / lemn, adezivi, imbinare	Mirela Tudorache office@inl.ro	Institutul National al Lemnului
30.	Laborator testare produse si sisteme de finisare	Testare materiale de finisare (grunduri, lacuri, vopsele) / Finisare, lacuri, vopsele, coloranti	Anisoara Mucioniu office@inl.ro	Institutul National al Lemnului
31.	Thin Films and Quantum Structures Group (Biocompat)	biocompatible thin films / hydroxyapatite, carbon, magnetron sputtering, PECV	Constantin Morosanu morosanu@alpha1.infim.ro	National Institute for Materials Physics
32.	Centru de cercetare a impactului de mediu	cercetare fundamentala nanomateriale si nanostiinte / materiale, substante organice, suprafete nanostructurate	Nicolae Doca ndoca@cbg.uvt.ro	Universitatea de Vest Timisoara
33.	Institutul de cercetare a materiei condensate, Timisoara	Cercetare stiintifica si dezvoltare tehnologica / engineering techniques, nanoparticles, nanostructures	Ioan Grozescu grozescu@icmct.uvt.ro	Institutul National C-D pentru Electrochimie si Materie Condensata

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34.	Centru de excelenta in sudarea cu ultrasunete	Realizare de microtehnologii de imbinare cu ultrasunete / aparate si instrumente de control, procese noi	Octavian Oanca ooanca@isim.ro	Institutul National C-D in sudura
35.	Centrul de Competenta in Stiinta Materialelor	Stiinta Materialelor / Nanotechnologies and Nanosciences	Ioan Gh. Cartis cosmon@smtt.mec.utt.ro	Universitatea POLITEHNICA Timisoara
36.	Dezvoltarea sustenabila a biodiversitatii vegetale	Genetica si Biotehnologia vegetala / genetica, cariotip, in vitro, nanoparticule	Gallia Butanaru galliab@yahoo.com	Universitatea de Stiinte Agricole si Medicina Veterinara
37.	Materiale si Tehnologii Avansate	Metalurgia pulberilor / Tehnologii, procesare, modelare, materiale	Mihail Mangra prorec@central.ucv.ro	Facultatea de Ingineria si Managementul Sistemelor
38.	Multifunctional maleic polymers for nanoapplications	Polymeric multifunctional materials for advanced technologies / maleic anhydride/acid copolymers, maleic polyelectrolytes	Gabrielle Charlotte Chitanu chita@icmpp.ro	"Petru Poni" Institute of Macromolecular Chemistry
39.	LBL deposition using polyelectrolytes and dyes	Functional polymers for advanced materials / Cationic polyelectrolytes, nano-metre-scale engineering	Ecaterina Stela Dragan sdragan@icmpp.ro	"Petru Poni" Institute of Macromolecular Chemistry
40.	Photopolymers-organoclays composites for optical applications	Photopolymers with various topologies / photochromic, fluorescent, ablative thin films	Emil C. Buruiana emilbur@icmpp.ro	"Petru Poni" Institute of Macromolecular Chemistry
41.	Thin films from fluorinated heterocyclic polymers	Synthesis and characterization of new heterocyclic polymers / fluorinated polyimides, fluorinated polyoxadiazole	Maria Bruma mbruma@icmpp.ro	"Petru Poni" Institute of Macromolecular Chemistry
42.	Polymeric micro- and nanoparticles	Micro- and nanoparticles from natural or synthetic / nano-biotechnologies; health and medical systems	Gheorghe Fundueanu-Constantin ghefun@icmpp.ro	"Petru Poni" Institute of Macromolecular Chemistry
43.	Center of Nanotechnology	research in nanotechnology / nanostructures, nanomaterials, nanotechnology	Irina Kleps irinak@imt.ro	National Institute for R&D in Microtechnologies
44.	Laboratory of Reliability	Reliable micro-systems, nano-systems and nano-devices / life-cycle, components, reliability	Marius Bazu mbazu@imt.ro	National Institute for R&D in Microtechnologies

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45.	Centre for Micro and Nano Photonics	Micro, Nano and Opto-electronics / MOEMS, Integrated Optics, optoelectronics	Dana Cristea danac@imt.ro	National Institute for R&D in Microtechnologies
46.	Centre for microstructures and microsystem for environmental and biomedical applications	Applications in areas such as health and medical systems, chemistry, energy, optics, food and environment / Bio-sensing systems for health and environmental control	Carmen Moldovan cmoldovan@imt.ro	National Institute for R&D in Microtechnologies
47.	Department of Micro and nanotechnologies	Development of new processes and flexible, intelligent manufacturing systems / new processes, flexible, intelligent manufacturing microsystems	Carmen Moldovan cmoldovan@imt.ro	National Institute for R&D in Microtechnologies
48.	Centrul Interactiuni Laser-Suprafata-Plasma din INCD--Fizica Laserilor Plasmei si Radiatiilor	Aplicatii ale laserilor si plasmei / metode de ablatie laser pulsata din materiale ceramice, semiconductoare si metalice	Dr. Ing. Rares Medianu medianu@ifin.nipne.ro	INCD - Fizica Laserilor Plasmei si Radiatiilor
49.	Centrul de Farmacologie Celulara si Moleculara din INCD Chimico - Farmaceutice	testarea farmacotoxicologica si farmacodinamica /	mihaela@ncpri.ro	INCD - Chimico Farmaceutice
50	Departamentul de neuro-psiho-farmacologie din Centrul de Cercetari Stiintifice Medico-Militare	singura unitate de profil din tara cercetare in domeniul protectiei medicale (NBC) - nuclear, biologic, chimic	mhinescu@yahoo.com	Centrul de Cercetari Stiintifice Medico-Militare
51.	Laboratorul de Polimeri Bioactivi si Biocompatibili din Institutul de Chimie Macromoleculara "Petru Poni" Iasi	Polimeri performanti Legitati, procese si materiale cu perspective aplicative	Prof. Dr. Bogdan Simionescu bcsimion@icmpp.tuiasi.ro	Institutul de Chimie Macromoleculara "Petru Poni" Iasi
52.	Centrul de Microbiologie din Institutul de Biologie al Academiei Romane	Microbiologie / antibiotice, enzime, biopolimeri, biosurfactanti, gaze combustibile (metan si hidrogen)	Prof. Dr. Marin Falca marin.falca@ibiol.ro	Institutul de Biologie al Academiei Romane

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53.	Centrul de Glicobiologie Moleculara din Institutul de Biochimie al Academiei Romane	Biochimie teoretica si experimentală / biologie celulară și moleculară, imunologie tehnici analitice de identificare a proteinelor și glicanilor la nivel nano și picomolar Implementarea tehnicilor biologiei moleculare precum cele de ADN recombinant sau de mutageneză dirijată tehnici de biologie celulară, domeniu care integrează rezultatele biochimice într-o viziune mai largă metode de simulare și modelare moleculară	Dr. Stefana Petrescu stefana@biochim.ro	Institutul de Biochimie al Academiei Romane
54.	Hybrid supramolecular structures	Organic-inorganic hybrid materials / Polysiloxanes, polysilanes, rotaxanes, interpolymer complexes, metallo-polymers	Valeria Harabagiu hvaleria@icmpp.ro	"Petru Poni" Institute of Macromolecular Chemistry
55.	Facultatea de Chimie Industrială a Universității "Politehnica" din București / www.chim.pub.ro	Chimie industrială	Prof. dr. ing. Horia IOVU / iovu@tsocm.pub.ro	Universitatea "Politehnica" din București
56.	Catedra de Chimie macromoleculară a Universității Tehnice "Gh Asachi" Iași	Chimie macromoleculară	Prof dr ing / Nicolae Badea / isaraulea@staff.tuiasi.ro	Universitatea Tehnică "Gh Asachi", Iași

SPECIALISTI

Nr. Crt.	Titlu/ Nume / email	Afiliere: Institutie/ centru/ web page	Competenta: Domeniu / descriere / cuvinte cheie (eventual, mai multe competente)
1.	Dr. Irina Kleps Irinak@imt.ro	National Institute of Research Development in Microtechnologies / Centre of Nanotechnologies / www.imt.ro	Nanostructures, nanomaterials / Nanocrystalline silicon / porous silicon, a-silicon carbide, electrochemical
2.	cad. Dan Dascalu dascalu@imt.ro	National Institute of Research Development in Microtechnologies / www.imt.ro	anager general al INCD pentru Microtehnologie pducator de proiect "Tempus" in domeniul microelectronicii presedintele comisiei de "Micro si nanotehnologie" din cadrul Biroulu Consultativ pentru Cercetare si Dezvoltare
3.	Ing. Anca Angelescu ancaa@imt.ro	National Institute of Research Development in Microtechnologies / www.imt.ro	chimia siliciului; - procese CVD;- caracterizarea electrica a materialelor; - difractia cu raze X a materialelor; - caracterizarea morfologica a suprafetelor; tehnologia sol-gel pentru structuri fotonica si senzori;
4.	Fiz. Florea Craciunoiu floreac@imt.ro	National Institute of Research Development in Microtechnologies / www.imt.ro	chimia siliciului; - procese CVD; - - difractia cu raze X a materialelor; - caracterizarea morfologica a suprafetelor; tehnologia sol-gel pentru structuri fotonica si senzori;
5.	Dr. Marioara Avram mariaoraa@imt.ro	National Institute of Research Development in Microtechnologies / www.imt.ro	chimia siliciului; - procese CVD;- caracterizarea electrica a materialelor; - difractia cu raze X a materialelor; - caracterizarea morfologica a suprafetelor; tehnologia sol-gel pentru structuri fotonica si senzori;
6.	r. Raluca Muller ralucam@imt.ro	National Institute of Research Development in Microtechnologies / www.imt.ro	chimia siliciului; - procese CVD; - difractia cu raze X a materialelor; - caracterizarea morfologica a suprafetelor; - tehnologia sol-gel pentru structuri fotonica si senzori;

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7.	Dr. Mihai Mihaila mihaim@imt.ro	National Institute of Research Development in Microtechnologies / www.imt.ro	chimia siliciului; - procese CVD;- caracterizarea electrica a materialelor; - difractia cu raze X a materialelor; - caracterizarea morfologica a suprafetelor; tehnologia sol-gel pentru structuri fotonica si senzori;
8.	Drd. Mihaela Miu mihaelam@imt.ro	National Institute of Research Development in Microtechnologies / www.imt.ro	chimia siliciului; procese CVD; - difractia cu raze X a materialelor; - caracterizarea morfologica a suprafetelor; - tehnologia sol-gel pentru structuri fotonica si senzori;
9.	Fiz. Monica Simion monicas@imt.ro	National Institute of Research Development in Microtechnologies / www.imt.ro	chimia siliciului; - procese CVD;- caracterizarea electrica a materialelor; - difractia cu raze X a materialelor; - caracterizarea morfologica a suprafetelor; - tehnologia sol-gel pentru structuri fotonica si senzori;
10.	Assoc. prof. Geta CARAC Geta.carac@ugal.ro	University "Dunarea de Jos" of Galati / Chemistry Laboratory	Nano-metre-scale engineering techniques / preparation and study of new nanosurfaces / nanoparticle, smart surface
11.	Dr. eng. Iosif LINGVAY lingvay@icpe-ca.ro	S.C. ICPE - Cercetari Avansate S.A. Bucuresti / www.icpe-ca.ro	Electrochemistry / electrochemical behaviour of materials / reaction kinetics, electrochemical study
12.	Researcher, Etele Albert albertek@xnet.ro	Research Institute for Electrical Engineering	Technical ceramic engineering / hard ceramic, electo-insulator ceramic
13.	Prof. Dr. Rodica Mariana ION irma@pcnet.ro	Institute for Chemical Research / Chemical Analysis Department / http://www.porphyrin.net	3.4.1.5. / Research development in materials and technologic / medical systems, nanomedicine, nanodrugs
14.	Dr. Eng. Georgeta ALECU alecu@icpe-ca.ro	Advanced Research Institute for Electrical Engineering / Management quality-environment Marketing / www.icpe-ca.ro	3.4.1 / Superconducting ceramic materials with high temperature / 3.4.1.5
15.	Chemical Engineer Mircea DARABANTU darabantu@cluj.astral.ro	University Babes-Bolyai Cluj-Napoca / Department of Organic Chemistry / www.chem.ubbcluj.ro	Long - term interdisciplinary research / Highly functionalised enantiomerically pure structure / systems with predictable compositions and structure
16.	Eng. Iulian CUCOS iulian_cucos@yahoo.com	The "Gh Asachi" Technical University from Iasi / New production technologies and equipment	Development of new flexible processes / Automatization systems / automatization, intelligent manufacturing, CAD/CAM

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17.	Dr. Niculae ENE nene@chimfiz.icf.ro	Institute of Physical Chemistry "I. G. Murgulescu" / http://www.angelfire.com/scifi2/icf2k	3.4.1.3 Nano-metre-scale engineering techniques / carbon nano-tubes boride and carbide nano-tubes
18.	Dr. Eng Vasile Catarschi catar@tcm.tuiasi.ro	The "Gh Asachi" Technical University from Iasi / Multifunctional Materials	modelling and design of multifunctional materials / research project concerning expert systems / knowledge based materials, metal matrix composites
19.	Dr. Eng. Iulian IONITA neidia@email.ro	The "Gh Asachi" Technical University from Iasi / New production technologies and equipment	directional solidification of metallic alloys / processing of cast / microalloying, nano and micro carbon particles
20.	Dr. Eng. Viorel MOLDOVEANU vmold@tuiasi.ro	The "Gh Asachi" Technical University from Iasi / New Flexible Technologies and Equipment for Plastic	technologies associated with the production / Development of sustainable production / processing technology, multifunctional materials
21.	Dr. Eng Gheorghe BADARAU gigelB@email.ro	The "Gh. Asachi" Technical University from Iasi / New Production Technologies and Equipment for Plastic	new and user friendly production technologies / development of equipment and eco-friendly technologies / energy saving, eco-friendly, energy saving product
22.	Dr. Eng. Radu COMANECI comaneci@tuiasi.ro	The "Gh Asachi" Technical University from Iasi / New flexible technologies and equipment for plastic	Thermomechanical Treatments / Austenite to ferrite transformation and refinement / Controlled Rolling, Plastic Deformation
23.	Dr. Eng. Dorin LUCA dluca@tuiasi.ro	The "Gh Asachi" Technical University from Iasi / New Flexible Technologies and Equipment for Plastic	Unconventional Plastic Processing: electromagnetic / electromagnetic forming, electrohydraulic forming
24.	Dr. Eng. Carmen NEJNERU nejneru@tuiasi.ro	The "Gh.Asachi" Technical University from Iasi / Nano-meter-scale engineering techniques	Heat and thermochemical treatments / Study of the efficiency of the recrystallization / quenching, stress relieving, structural transformation
25.	Dr. Eng. Ioan RUSU	The "Gh.Asachi" Technical University from Iasi / Multifunctional materials	Flexible heat transfer equipment based on Ranque-H / An experimental tube, working by Ranque-Hilsch effect / Ranque-Hilsch effect, cryogenic heat treatment
26.	Dr. Eng. Corneliu MUNTEANU munteanu@tuiasi.ro	The "Gh.Asachi" Technical University from Iasi / Multifunctional materials	Nano-structured alloys with magnetic properties / On experimental installations, different configuration / nano-crystalline structure, magnetic properties
27.	Dr. Eng. Leandru-Gheorghe BUJOREANU lgbujor@tuiasi.ro	The "Gh.Asachi" Technical University from Iasi / Multifunctional materials	Research and development of shape memory alloys / Cu-based shape memory alloys / shape memory materials, martensite, austenite
28.	Dr. Eng Constantin BACIU cbaciu@tuiasi.ro	The "Gh.Asachi" Technical University from Iasi / Nano-meter-scale engineering techniques	Surface thermochemical treatments / superficial layers, structure, properties, new technologies
29.	Dr. Eng Maria BACIU cbaciu@tuiasi.ro	The "Gh.Asachi" Technical University from Iasi / Nano-meter-scale engineering techniques	Surface thermochemical treatments / superficial layers, structure, properties, new technologies

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30.	Professor Ionel CHICINAS ichicinas@sim.east.utcluj.ro	Technical University of Cluj-Napoca / http://www.utcluj.ro	Nano-metre-scale engineering techniques / Nanocrystalline Permalloy and Supermalloy powders / nanostructured materials, magnetic materials, powders
31.	Prof. Dr. Ioan MUSCUTARIU imuscuta@bw.edu	National Institute R&D for Electrochemistry / www.icmct.uvt.ro	Development of fundamental knowledge / Basic knowledge development / Nanoscience, nanotechnologies, nanomaterials
32.	Acad. Dr. Eng. Adrian DIMA peviz@tuiasi.ro	The "Gh.Asachi" Technical University from Iasi / New production technologies and equipment	Development of new processes / Designing of heating processes and technological equipments / flexibility, manufacturing systems, communication
33.	Dr. Eng. Alina MINEA aminea@tuiasi.ro	The "Gh.Asachi" Technical University from Iasi / New production technologies and equipment	System research and hazard control / Automatic control and command of temperature / safety, automatic control, security systems
34.	Dr. Eng. Vasile COJOCARU- FILIPCIUC cojocaru52@yahoo.ro	The "Gh.Asachi" Technical University from Iasi / New production technologies and equipment	Elaboration and casting of ductile iron parts / spheroidal graphite, nodulization degree
35.	Dr. Eng. Gelu BARBU barbugelu1234@yahoo.ro	The "Gh.Asachi" Technical University from Iasi / New production technologies and equipment	Elaboration and casting of aluminum alloys solidification / Aluminum alloys, vibratory field
36.	Dr. Eng. Tudor RAILEANU raileanut@yahoo.ro	The "Gh.Asachi" Technical University from Iasi / New production technologies and equipment	Reconditioning cast iron parts by welding / Original compositions of electrodes / reconditioning, cast iron, welding
37.	Eng. Florin DIACONESCU diaflor@email.ro	The "Gh.Asachi" Technical University from Iasi / New production technologies and equipment	Centrifugal casting of bronze parts / controlled solidification, grain refinement
38.	Dr. Gianina DOBRESCU vopran@pcnet.ro	Institute of Physical Chemistry "I.G. Murgulescu" / Romanian Academy / www.icf.ro	Long-term interdisciplinary research / Dynamic characterization of surface growth / Self-organisation and self-assembling – STREP
39.	Dr. Gheorghe GAVRILIU gavriliu@icpe-ca.ro gavriliu@rol.ro	Advanced Research Institute for Electrical Engineering / Ceramic Materials / www.icpe-ca.ro	3.4.2 / Multifunctional Materials
40.	Dr. Sandu PERETZ peretz@chimfiz.icf.ro	Institute of Physical Chemistry "I.G. Murgulescu" / L9 / www.icf.ro	Nano-metre-scale engineering techniques / preparation of micro and nanoparticles in microemulsions / nanoparticles, microparticles, microcapsules
41.	Dr. Eng. Mihaela-Dana SALOMIE dsalomie@email.ro	Technical University of Cluj-Napoca / Materials Science Research Institute / www.zeus.east.utcluj.ro	KNOWLEDGE-BASED MULTIFUNCTIONAL MATERIALS NMP-2

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42.	senior researcher Stefan STAN sstan@metal.icem.ro	Metallurgical Research Institute / Research Department for iron and steel processes / www.icem.ro	Steelmaking, secondary treatment and casting / Research in the fields of stainless steel, bearing / Steel, casting, steel production processes EBT, LF
43.	senior researcher Petrus ENE ene@metal.icem.ro	Metallurgical Research Institute / Research Department for iron and steel processes / www.icem.ro	Special steel and alloy melting in electric arc furnaces / Electric arc furnaces, induction furnace, LF, RH,
44.	Dr. Speranta TANASESCU stanasescu@chimfiz.icf.ro	Institute of Physical Chemistry "I.G.Murgulescu" / Laboratory of Chemical Thermodynamics / www.icf.ro	NANOTECHNOLOGIES AND NANOSCIENCES / Thermodynamic and thermochemical investigation / Multifunctional Ceramic Nanomaterials
45.	Dr. Eng. Serban DOMSA sdomsa@zeus.east.utcluj.ro	TECHNICAL UNIVERSITY OF CLUJ-NAPOCA / MATERIALS SCIENCE RESEARCH CENTRE / www.zeus.east.utcluj.ro	KNOWLEDGE-BASED MULTIFUNCTIONAL / MATERIALS NMP-2003-3.4.2.2
46.	Dr. Eng. Smaranda-Florica LAPUSAN Smaranda.Lapusan@personal.ro	TECHNICAL UNIVERSITY OF CLUJ-NAPOCA / MATERIALS SCIENCE RESEARCH CENTRE / www.zeus.east.utcluj.ro	KNOWLEDGE-BASED MULTIFUNCTIONAL / MATERIALS NMP-2003-3.4.2.2
47.	Dr. Eng. Horia COLAN horiacolan@yahoo.co.uk	TECHNICAL UNIVERSITY OF CLUJ-NAPOCA / MATERIALS SCIENCE RESEARCH CENTRE / www.zeus.east.utcluj.ro	KNOWLEDGE-BASED MULTIFUNCTIONAL / MATERIALS NMP-2003-3.4.2.2
48.	Dr. Eng. ATTILA PALFALVI palfalviattila@from.ro	TECHNICAL UNIVERSITY OF CLUJ-NAPOCA / MATERIALS SCIENCE RESEARCH CENTRE / www.zeus.east.utcluj.ro	KNOWLEDGE-BASED MULTIFUNCTIONAL / MATERIALS NMP-2003-3.4.2.2
49.	Dr. Eng. George ARGHIR Georgearghir@hotmail.com	TECHNICAL UNIVERSITY OF CLUJ-NAPOCA / MATERIALS SCIENCE RESEARCH CENTRE / www.zeus.east.utcluj.ro	KNOWLEDGE-BASED MULTIFUNCTIONAL / MATERIALS NMP-2003-3.4.2.2
50.	senior researcher Cristina-Anca MOLDOVEANU moldoveanu@metal.icem.ro	Metallurgical Research Institute / Research Department for iron and steel processes / www.icem.ro	Steelmaking, secondary treatment and casting / Researches in the field of ball bearing steels / steel, casting, steel production processes
51.	Dr. Eng. Marius BODEA bodea@zeus.east.utcluj.ro	TECHNICAL UNIVERSITY OF CLUJ-NAPOCA / MATERIALS SCIENCE RESEARCH CENTRE / www.zeus.east.utcluj.ro	KNOWLEDGE-BASED MULTIFUNCTIONAL / MATERIALS NMP-3.4.2.2
52.	Eng. Virgiliu-Calin PRICA cvprica@hotmail.com	TECHNICAL UNIVERSITY OF CLUJ-NAPOCA / MATERIALS SCIENCE RESEARCH CENTRE / www.zeus.east.utcluj.ro	KNOWLEDGE-BASED MULTIFUNCTIONAL / MATERIALS NMP-3.4.2.2
53.	Senior Researcher GYONGYIKE HUDAK icpao@birotec.ro	Research Institute for Auxiliary Organic Products / Multifunctional Polymer Composites / http://icpao.birotec.ro	multifunctional nanostructured materials / synthesis and characterisation of organic compound / nanostructured composites, photocatalysis

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54.	Dr. Eng. Dorel POP dorelpop@yahoo.com	The "Gh.Asachi" Technical University from Iasi / Nano-meter-scale engineering techniques	Deposition of superficial metallic layers / Obtainment and characterization of thin metallic layers / superficial layer, microalloying, deposition
55.	Dr. Eng. Felicia POP feliciapop@yahoo.com	The "Gh.Asachi" Technical University from Iasi / Nano-meter-scale engineering techniques	Deposition of superficial metallic layers / Obtainment and characterization of superficial metallic layers / superficial layer, microalloying, deposition
56.	Dr. eng. Nicolae ANGELESCU angelescu@metal.icem.ro	Metallurgical Research Institute / Carbon, Refractory & Ceramic Materials / www.icem.ro	3.4.2.3 Engineering support for materials development / Technical Ceramics, Aluminous and Portland Cements / complex structures ceramic, cement-based materials
57.	r. Radu Piticescu piticescu@imnr.ro	Institutul pentru Metale Rare si Neferoase, Bucuresti Laboratorul de materiale nanoceramice www.imnr.ro	- studii referitoare la mecanismele si cinetica proceselor si a reactiilor la suprafata in materialele nanostructurate - procese de sinteza hidrotermala pentru cresterea puritatii, procese coloidale sol-gel de dopare a pudrelor de BaTiO ₃ , sinteza sol-gel Al ₂ O ₃ -ZrO ₂ , - sinteza hidrotermica de hidroxiapatita; - depunerea electrochimica de filme PZT;
58.	Dr. Roxana Mioara Piticescu roxana@imnr.ro	Institutul pentru Metale Rare si Neferoase, Bucuresti Laboratorul de materiale nanoceramice www.imnr.ro	- depunerea pudrelor si a filmelor subtiri pe materiale nanoceramice
59.	r. M. Apostol apoma@theory.nipne.ro	IFIN, Magurele	- materiale nanostructurate
60.	r. Ion Morjan morjan@ifin.nipne.ro	INCDFLPR- Bucuresti Laboratorul de Fotochimia Laserilor www.alpha2.infim.ro	- tehnici de piroliza laserului aplicate pentru sinteza nanopudrelor si a filmelor subtiri realizate cu ajutorul reactiilor induse in faza gazoasa sau reactii pe un substrat: oxizii de fier si materialele compozite, carburi de fier si titan; - prepararea nanotuburilor de carbon prin iradierea cu laser din faza gazoasa;
61.	r. D. Dumitras dumitras@ifin.nipne.ro	INCDFLPR- Bucuresti Laboratorul de interactii laser-suprafata- plasma www.alpha2.infim.ro	-bioclusteri;
62.	Dr. Ioan Mihailescu mihailes@ifin.nipne.ro	INCDFLPR- Bucuresti Laboratorul de interactii laser-suprafata- plasma www.alpha2.infim.ro	- sinteza laser si depunerea filmelor subtiri de materiale biocompatibile si bioactive; - realizarea de noi structuri biocompatibile pentru imbunatatirea implanturilor existente ;
63.	Dr. C. Grigoriu grigoriu@ifin.nipne.ro	INCDFLPR- Bucuresti Laboratorul de interactii laser-suprafata- plasma www.alpha2.infim.ro	- nano-Al-O; - depunere laser;

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64.	Dr. Cornel Miclea cmic@alpha1.infim.ro	INCDFM- Bucuresti Laboratorul de Materiale Ceramice Oxidice www.alpha1.infim.ro	- absorbtia de raze X; - cresterea filmelor subtiri, - difractia de raze X; - masuratori magneto-optice; - masuratori CVD, PVD;
65.	r. Monica Enculescu mdatcu@alpha1.infim.ro	ICDFM- Bucuresti Laboratorul de Optica si Spectroscopie www.alpha1.infim.ro	- studii de fotoluminescenta; - nanoclusteri metalici; - studii SERS pe filme subtiri - cristale lichide in sisteme nanoporoase;
66.	Dr. Magdalena Ciurea ciurea@alpha1.infim.ro	ICDFM- Bucuresti Laboratorul de Fizica Sistemelor cu Dimensionalitate Redusa www.alpha1.infim.ro	- cresterea filmelor subtiri, difractia de raze X; - masuratori magneto-optice; - masuratori CVD, PVD; - absorbtia de raze X;
67.	r. M. Sima ma@alpha1.infim.ro	ICDFM- Bucuresti Laboratorul de Fizica Sistemelor cu Dimensionalitate Redusa www.alpha1.infim.ro	- nanostructuri Cd-S; - electrochimie;
68.	Dr. Christian-Mihail Teodorescu teodorescu@alpha2.infim.ro	ICDFM- Bucuresti Laboratorul de Fizica Sistemelor cu Dimensionalitate Redusa www.alpha1.infim.ro	- magnetism; - efecte electronice;
69.	r. S. Frunza frunza@alpha1.infim.ro	ICDFM- Bucuresti Laboratorul de Fizica Sistemelor cu Dimensionalitate Redusa www.alpha1.infim.ro	- nanoclusteri alcalini; - caracterizare optica, IR, Raman
70.	Dr. S. Nistor nistor@alpha1.infim.ro	ICDFM- Bucuresti Laboratorul de Fizica Sistemelor cu Dimensionalitate Redusa www.alpha1.infim.ro	- nanoclusteri indusi; - caracterizare TEM, EXAFS; - spectrometrie;
71.	r. Macovei macovei@alpha1.infim.ro	ICDFM- Bucuresti Laboratorul de Fizica Sistemelor cu Dimensionalitate Redusa www.alpha1.infim.ro	- interactii fullerene-metal; - caracterizare cu raze X;
72.	Prof. Victor Ciupina vciupina@univ-ovidius.ro	Universitatea 'OVIDIUS' Constanta Facultatea de Fizica, Chimia si Tehnologia Petrolului	- materiale nanostructurate: filme subtiri, structuri multistratificate, sisteme biologice si electro-termo-energetice; - microscopia optica si electronica, examinare galvanomagnetica, depunere in vid si in plasma, corodare electrochimica;
73.	Prof. dr. ing. Cimpoaca Valerica cimpoaca@valahia.ro	Universitatea 'Valahia' Targoviste	- detectoare de IR pe semiconductori ; - fotodiode PIN pe siliciu pentru detectia radiatiei laser YAG-Nd ;

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74.	Prof. Dr. Horia Chiriac hchiriac@phys-iasi.ro	ICD Fizica Tehnica Iasi	-studii teoretice si experimentari de laborator privind formarea materialelor magnetice nanostructurate si proprietatile fizice specifice lor; - investigatii asupra proceselor de magnetizare si interactiile magnetice specifice cu noi materiale magnetice; design - fabricarea unei noi aparaturi (microsenzori, traductori) bazate pe fenomene si materiale magnetice noi;
75.	Dr. Raimond Grimberg grimberg@phys-iasi.ro	INCD Fizica Tehnica Iasi	- materiale cu siliciu amorf si nanocristalin; - materiale magnetice
76.	Prof. Dr. ing. Floriana D. Stoian dstoian@mec.utt.ro	Centrul Național pentru Ingineria Sistemelor cu Fluide Complexe, Universitatea "Politehnica" Timișoara	- caracterizarea complexa a nanofluidelor si compozitelor: VSM, magnetoreologie, microscopie electronica; - proprietatile compozitelor nanomagnetice polimerice; - fluide magnetice ca agenti de racire
77.	Dr. Ladislau Vekas vekas@flumag2.mec.utt.ro	Centrul Național pentru Ingineria Sistemelor cu Fluide Complexe, Universitatea "Politehnica" Timișoara	- fizica nanomaterialelor; - fizica fluidelor in spatiu; - spectroscopy baryon, monopoli magnetici;
78.	Dr. Doina Bica dbica@flumag2.mec.utt.ro	Centrul Național pentru Ingineria Sistemelor cu Fluide Complexe, Universitatea "Politehnica" Timișoara	- sinteza si caracterizarea nanoparticulelor magnetice; - stabilizarea si dispersia nanoparticulelor in medii polare si nepolare; - geluri, emulsii, nanocompozite;
79.	Dr. fiz. Wihem Kappel kappel@icpe.ro	S.C. ICPE Cercetari Avansate S.A. Bucuresti www.icpe-ca.ro	- filme subtiri magnetice;
80.	Dr. Jenica Neamtu jenica.neamtu@icpe.ro	S.C. ICPE Cercetari Avansate S.A. Bucuresti www.icpe-ca.ro	- materiale magnetice si strat-uri subtiri magnetice cu magnetorezistenta gigantica. - materiale compozite metalice-oxidice cu aplicatii in ecranari electromagnetice
81.	Dr. Valeriu Filip filip@digitalnet.ro	Universitatea Bucuresti Departamentul de Mecanica, Fizica Moleculara si Fizica Polimerilor	- studii teoretice privind emisia in camp a electronului din suprafete solid/compozit; - calcularea densitatii de curent a emisiei in camp din Si de tip "n" prin injectarea in diamant N dopat; - modelarea emisiei in camp a electronului din nanotuburi de carbon; - senzori de presiune
82.	Dr. Stefana Petrescu Stefana.Petrescu@biochim.ro	Institutul de Biologie al Academiei Romane, Centrul de Microbiologie	- dezvoltarea de biotehnologii destinate culturii celulelor vii pe siliciu nanoporos si hidroxiapatita-titan; - vizualizarea cresterii celulelor pe nanomateriale prin microscopia de imunofluorescenta;

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83.	r. Maria Zaharescu mzaharescu@chimfiz.icf.ro	Institutul de Chimie-Fizica "I.G.Murgulescu", Bucuresti	- filme nanostructurate de TiO ₂ dopate cu fier depuse pe suport de sticla prin metoda sol-gel pentru depoluarea apelor; - filme de Al ₂ O ₃ cu proprietati termice si mecanice; - materiale de SiO ₂ dopate cu fier, utilizate in procesele de separare;
84.	r. Petre Osiceanu posic@icf.ro	Institutul de Chimie-Fizica "I.G.Murgulescu", Bucuresti	- metode de analiza a suprafetelor, interfetelor si straturilor subtiri XPS (ESCA)-AUGER
85.	Dr. Mihai Barboiu Macromol@sunu.rnc.ro	Centrul de Cercetari pentru Materiale Macromoleculare si Membrane, Bucuresti	- membrane din derivati celulozici pentru hemodializa si osmoza inversa - Separarea de compusi biologic activi din extracte naturale - biodinamica proceselor membranare si compusi biologic activi
86.	Dr. Tudor Savopol tsavopol@univermed-cdgm.ro	Universitatea de Medicina si Farmacie 'Carol Davila' Bucuresti	- mecanismele celulare ale interactiunii tesuturilor vii cu radiatia electromagnetica - metode moderne pentru testarea membranei si a proceselor celulare - bazele biofizice ale unor metode neinvazive de diagnostic si tratament (Imageria de rezonanta magnetica, Spectroscopia de rezonanta magnetica, Terapia fotodinamica, etc.)
87.	Dr. Socoliuc Vlad socoliuc@icmct.uvt.ro	INCD pentru Electrochimie si Institutul de Cercetare a Materiei Condensate Timisoara	- instalatii si metode pentru obtinerea materialelor micro si nanocristaline, a filmelor subtiri cu aplicatii in optica, optoelectronica;
88.	Dr. Ioan Grozescu grozescu@icmct.uvt.ro	INCD pentru Electrochimie si Institutul de Cercetare a Materiei Condensate Timisoara	- filme subtiri nanocristaline pentru aplicatii optice, fotonice si optoelectronice
89.	Dr. Corneliu Mateescu cmateescu@iob.ro	Institutul Oncologic « Prof. Dr. Al. Trestioreanu » Bucuresti	- oncologie experimentala - citogeneza ; - microscopie electronica
90.	Prof. Dr. Rodica Anghel office@iob.ro	Institutul Oncologic « Prof. Dr. Al. Trestioreanu » Bucuresti	Imunologie analize de laborator clinic
91.	Cercet. st. Daniela Begu danielab@iob.ro	Institutul Oncologic « Prof. Dr. Al. Trestioreanu » Bucuresti	imunologie analize de laborator clinic

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92.	Ing. Petru Filip	Institutul de Chimie Organica Bucuresti	- cetene fluorurate ; - sinteza unor compusi cu schelet stereoidic ; - sinteze, spectroscopie ;
93.	Ing. Miron Teodor Caproiu	Institutul de Chimie Organica Bucuresti	- cetene fluorurate ; - sinteza unor compusi cu schelet stereoidic ; - sinteze, spectroscopie ;
94.	Dr. Mihaela Gheorghiu mgheorghiu@biodyn.ro	Centrul International de Biodinamica, Bucuresti	- tehnici de caracterizare a sistemelor celulare; - detectia agentilor de contaminare; - monitorizarea efectelor agentilor externi asupra evolutiei sistemelor celulare;
95.	Dr. Marieta Costache costache@bio.bio.unibuc.ro	Universitatea Bucuresti, Facultatea de Biologie, Centrul de Biologie Moleculara	- izolarea si purificarea DNA; - clonarea DNA si studiul expresiei DNA clonat in vitro in sisteme prokariote si eukariote - realizarea de banci genomice si DNA in diferite tipuri de vectori si posibilitati de « screening » a acestora ; - identificarea interactiilor proteine-DNA ; - purificare de proteine native si recombinante.
96.	Prof. univ. dr. ing. Adrian Rusu adrianr@mcma.pub.ro	Universitatea Politehnica Bucuresti Facultatea de Electronica si Telecomunicatii	- semiconductori si tehnologia siliciului, in special aparatura unipolara : Schottky, MOS si FET ; - micro sisteme ;
97.	Prof. Dr. Ing. Ecaterina Andronescu e.andronescu@chim.upb.ro	Universitatea Politehnica Bucuresti- Facultatea de Chimie Industriala	- materiale compozite cu proprietati speciale - biomateriale - ceramică dielectrică si semiconductoare
98.	Dr. Aurelia Meghea	Universitatea Politehnica Bucuresti- Facultatea de Chimie Industriala	- materiale compozite cu proprietati speciale - biomateriale - ceramică dielectrică si semiconductoare
99.	Dr. Demetrescu Ioana i_demetrescu@chim.upb.ro	Universitatea Politehnica Bucuresti- Facultatea de Chimie Industriala	- materiale compozite cu proprietati speciale - biomateriale - ceramică dielectrică si semiconductoare
100.	Dr. Chitanu Gabriela chita@icmpp.tuiasi.ro	Institutul de Chimie Macromoleculara "Petru Poni" , Departamentul de Structura si Fizica Polimerilor, Iasi	- tehnici CVD de a obtine straturi transparente de azopolimeri fotoconductoare cu o grosime controlata ; - investigarea proprietatilor opto-electronice ale filmelor in conditii normale si de dopare in vederea utilizarii lor pentru traductori opto-electronici, xerografie, etc. ;
101.	Dr. Daniel Timpu dtimpu@icmpp.tuiasi.ro	Institutul de Chimie Macromoleculara "Petru Poni" , Departamentul de Structura si Fizica Polimerilor, Iasi	- filme subtiri de polimeri fotoactivi si studierea proprietatilor opto-electronice ;

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102.	r. Ioan Ardelean an.ardelean@ibiol.ro	Institutul de Biologie al Academiei Romane, Centrul de Microbiologie	- biochipuri obtinute prin imobilizarea cianobacteriilor pe nanoelectrozi pentru controlul calitatii mediului ;
103.	r. Lucia Dumitru lucia.dumitru@ibiol.ro	Institutul de Biologie al Academiei Romane, Centrul de Microbiologie	- izolarea si purificarea biomoleculelor : proteine cu activitate enzimatica si antimicrobiana, lipide cu aplicatii in constructia biosenzorilor - biochipuri pentru monitorizarea mediului;
104.	Prof. Mihaela Olteanu oltmi@gw-chimie.math.unibuc.ro	Universitatea Bucuresti, Facultatea de Chimie, Centrul de Cercetare pentru Chimie-Fizica Teoretica si Aplicata	- nano(bio)tehnologie pentru aplicatii medicale: - incapsularea medicamentelor hidrofilice si hidrofobe in diferite sisteme coloidale-microemulsii, nanoparticule; - nano(bio)materiale: micro si nano materiale din polimeri naturali netoxici;
105.	r. Mircea Bercu mbercu@Olimp.fiz.infim.ro	Universitatea Bucuresti, Laboratorul de Fizica Atomica si Nucleara	- caracterizarea straturilor subtiri LPCVD depuse pe siliciu, prin spectroscopie optica:-determinarea parametrilor fizici din spectrele UV-VIS;investigatii FTIR; - caracterizarea structurilor Si/SiO ₂ si a siliciului nanoporos utilizand FT-IR , UV-Vis si EPR (Electronic Paramagnetic Resonance Spectrometry);
106.	rof. Dr. Danet Andrei Florin danet@mail.flamingo.ro ;	Universitatea din Bucuresti, Facultatea de Chimie, Centrul de Cercetari pentru Metode Automate de Analiza	- nanomateriale cu proprietati senzitive; - nanomateriale cu proprietati luminescente; - nanomateriale utilizate in ingineria mediului; - recunoastere moleculara;
107.	Prof. Univ. dr. Ioan Stefanescu Istef@ns-icsi.icsi.ro	Institutul National de Cercetare-Dezvoltare pentru Tehnologii Criogenice si Izotopice – Rm. Valcea	- studii privind procesele de separare a izotopilor de hidrogen; - studii privind procesele criogenice; - separarea si purificarea gazelor; - materiale avansate;

PROIECTE

Nr. Crt.	Program / subprogram (prioritate) / perioada	Titlul proiectului / acronim	Coordonator proiect (in tara): Institutie / centru / web page / persoana de contact / email	Parteneri: Institutie / centru / web page / persoana de contact / email (pentru fiecare partener)	Rezultatele proiectului		
					Domeniu / descriere	Interes in aplicarea rezultatelor	
						Institutia interesata	Descrierea interesului / perspective de afaceri
1.	COST D20 chemistry of metals in medicine MATNANTECH Viasan S2 intelligent materials 2002-2005	New molecular systems with therapeutic applications / PORPHYMED	Institute for Chemical Research, Chemical Analysis Department – Photochemistry Group / Prof. Dr. Rodica-Mariana ION irma@pcnet.ro	Central Military Hospital Eye Clinics / Prof. Benone CARSTOCEA milophtha@digicom.ro Institute of Atomic Physics Lasers Department / Dr. Angela STAIKU astaicu@ifin.nipne.ro University of Medicine and Pharmacy "Carol Davila" Maxillo-facial Surgery Department / Prof. Dr. Alexandru BUCUR bmihai@home.ro	Medicine / Design and synthesis	Central Military Hospital, Bucharest Eye Clinics	Laser applications in eyes tumors / Treatment
2.	FP6 no MATNANTECH S4 2001-2004	New piezoelectric materials obtaining technology / TMPRMP	National Institute R&D for Electrochemistry and Condensed Matter, Timisoara www.icmct.uvt.ro Ioan GROZESCU grozescu@icmct.uvt.ro	West University of Timisoara Physics Faculty www.uvt.ro Dorina VANGHELIE vanghelie@phys.uvt.ro ROMQUARTZ – Bucharest Cristina MITREA romquartz@net4u.ro	Crystal growing from melt in oxygen medium	National Institute R&D for Electrochemistry Condensed Matter Research Institute, Timisoara	Series production / Crystal marketing

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3.	FP6 no Bilaterala Romania-Ungaria New materials New nanostructured materials AEROSPATIAL 2003-2005	New nanostructured semiconductor materials TYPE I-HU 03/02	National Institute R&D for Electrochemistry and Condensed Matter, Timisoara http://www.icmct.uvt.ro Terezia NYARI nyarit@icmct.uvt.ro		Solar energetics / Semiconductor nanocrystals and nanostructured materials	National Institute R&D for Electrochemistry Condensed Matter Research Institute, Timisoara	New R&D projects / Marketing
4.	FP6 no MATNANTECH S5 Materials for process engineerings 2003-2005	Laboratory technics for advanced nanocrystalline materials CISNANO		West University of Timisoara Physics Faculty www.uvt.ro Dorina VANGHELI vangheli@physics.uvt.ro "POLITEHNICA" University of Timisoara Electronics Faculty http://www.utt.ro Nicolae MUNTEAN nicolae@lselinux.utt.ro	Nanomaterials for sun energetics	National Institute R&D for Electrochemistry Condensed Matter Research Institute, Timisoara	Marketing
5.	PHARE MATNANTECH S6 Powder synthesis and processing 2001-2002	The multilayer hard alloys	Metallurgical Research Institute Special alloys and sintered products Department www.icem.ro Cristian Coman cristiancoman@hotmail.com	University of Petrosani www.upet.ro Dr. ing. Carmen FLOREA carmenflorea@upet.ro	Mining industry /	Regia Autonoma a Huilei Petrosani	This institution is interested in replacement the project coordinator all potential users

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6.	FP6 no MATNANTECH 2003-2005	Advanced purity steels and technologies	Metallurgical Research Institute Research Department for iron and steel processes www.icem.ro Stefan STAN sstan@metal.icem.ro	Special Steels Works Targoviste COST www.cost.ro dr. ing. Cornel CHIRIAC cchiriac@cost.ro	Iron and Steel Industry and Machine Building Industry / Realisation of new technologies	Special Steels Works Targoviste ISPAT-SIDEX Galat COST ISCT SIDERURGICA	Obtain advanced purity steels Improvement of market position Financial funding
7.	PHARE Powder Metallurgy MATNANTECH S1 Composite materials New methods 2003-2005	High performance composite materials CER...	Metallurgical Research Institute Special alloys and sintered products Department www.icem.ro Eng. Irina Carceanu irina_carceanu@yahoo.co.uk	National Institute for Laser Physics and Plasma Radiation www.alpha2.infim.ro Dr. Fiz. Cristian RUSSET ruset@alpha2.infim.ro Metallurgical Research Institute ICEM – SA www.icem.ro Dr. Eng. Costica MACOVEI macovei@metal.icem.ro	Processing Industry /	Organe de Asamblare Brasov Koyo Romania	
8.	FP6 33.4.2 Knowledge-based multifunctional materials MATNANTECH 2004-2005	Network for Nanostructured Materials ACC...	National Institute of Research and Development for Technical Physics The Centre for Amorphous and Nanostructured Magnet www.phys-iasi.ro Prof. Dr. Horia CHIRIAC hchiriac@phys-iasi.ro		Will contribute to the improvement of knowledge		Ministry of Education and Research Industry

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9.	FP5 no MATNANTECH priority program - siderurgie - tundish powder 2002-2005	Auxiliary and technological materials used in continuous casting steel	Metallurgical Research Institute Research Department for primary materials www.metal.icem.ro Constanta Ittu ittu@metal.icem.ro	COST - The Special Steel Complex Targoviste OE2 - Continuous casting steel plant www.cost.ro Cornel CHIRIAC cchiriac@cost.ro	Continuous casting steel Final result : new certificates products	COST Continuous casting steel plant	Developing the infrastructure and the technology a Tundish powder trademarket expansion
10.	FP6 MATNANTECH S 6 Synthesis and powders processings 2003-2005	NiAl and Ni micro/nano powders CINIAL	Advanced Research Institute for Electrical Engineering ICPE Conductive Materials Laboratory www.icpe-ca.ro Dr. Eng. Mariana Lucaci lucaci@icpe-ca.ro	Technical University of Cluj Napoca - UTCN www.utcluj.ro Prof. Dr. Eng. Ioan Vida Simiti ivida@personal.ro METAV CD www.metav.ro Dr. Eng. Ioan Roman iroman@softnet.ro	NiAl powder - anticorrosive protective coatings A technology for micro/nano NiAl intermetallic	ICEM METAV SA SINTEROM SA ICEM METAV SA SINTEROM SA	Technology transfer
11.	FP6 MATNANTECH S9 E13 2003-2005	Nanostructuri compozite pe baza de copolimeri ME NACOM	Research Institute for Auxiliary Organic Products Polymer Multifunctional Composites http://icpao.birotec.ro Carmen Marcu icpao@birotec.ro	National Institute of R&D for Textiles Research Institute for Leather Shoes (ICPI) Gheorghe Coara Icpi@sunu.rnc.ro S.C. Dorobantul S.A. Viorica Avramoiu dorobantul@mmc.ro	Leather Industry, Textiles Industry / A new technology for synthesis of aqueous nanodispersion	S.C. Dorobantul S.A. Production Department	Development of production

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12.	FP5 - MATNANTECH Priority project New knowledge-based higher performance multi-materials 2002-2005	Ceramic matrix materials for defence field in NATO	Metallurgical Research Institute Carbon, Refractory & Ceramic Materials www.metal.icem.ro Stefania Motoc motoc@metal.icem.ro	ICPE - Bucharest Wilhelm KAPPEL kappel@icpe.ro elcmat@icpe.ro STIMPEX SA Bucharest Marcel ISTRATE stimpex@mb.roknet.ro	Ministry of Defence Home Office Industry for ceramic Composite materials with oxidic or non- oxidic ceramic	STIMPEX SA Bucharest	The company has the technological flow export opportunity
13.	MATNANTECH No Composite Materials New Binding System and New Monolithic Materials 2001-2003	A new binding system for refractory monolithic NOLIMON	Metallurgical Research Institute Carbon, Refractory & Ceramic Materials www.icem.ro Nicolae Angelescu angelescu@metal.icem.ro	Valahia University Targoviste Science and Engineering Materials Faculty www.valahia.ro Cristina Enescu cristiana_enescu@yahoo.com	In the refractory monolithic production	SC Vulturul Comarnic Ceramic and Refractory Materials	Application For sale and use in Romania
14.	FP6 MATNANTECH RELANSIN 1999-2003	Modern encapsulation products with pressure MICROPRES	Research Institute for Auxiliary Organic Products Polymer Multifunctional Composites http://icpao.birotec.ro Iulia Francu icpao@birotec.ro	Research Institute for Auxiliary Organic Products Production Department http://icpao.birotec.ro Lucica Stanulet icpao@birotec.ro	Paper Industry / A new technology for pressure sensitive microcapsule		
15.	FP6 MATNANTECH RELANSIN 2001-2003	Rsearch for manufacturing and using of new ecological... FORTUSIL	Research Institute for Auxiliary Organic Products Polymer Multifunctional Composites http://icpao.birotec.ro Olimpiu Blajan icpao@birotec.ro	"Politehnica" Bucharest CEMS / Ioan Marginean ioanmarginean@personal.ro Research Institute for Auxiliary Organic Products Production Department http://icpao.birotec.ro Lucica Stanulet icpao@birotec.ro	Automotive Construction Industry Nonferrous Industry / A new manufacturing technology of binders/additive		

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16.	FP6 MATNANTECH INVENT 2002-2005	Process for obtaining of benziyl-dimithylketal	Research Institute for Auxiliary Organic Products Polymer Multifunctional Composites http://icpao.birotec.ro Gyongyike Hudak icpao@birotec.ro	Research Institute for Anticorrosive Protections / Radita Gardu icepalv@tehnimedia.ro Romanian Academy Institute of Chemistry – Timisoara / Gheorghe Iliia ilia@acad_icht.tm.edu.ro S.C. POLICOLOR S.A. – Bucharest Production Department / Camelia Iorga camelia.iorga@policolor.ro	Laquers, Paints and Inks Industry Adhesives Industry / A new performant technology for benzyldimethylketal	S.C. POLICOLOR S.A. - Bucharest Production Department	new products in photo - polymerisation
17.	FP6 MATNANTECH RELANSIN 2001-2003	New oligomeric compounds, performants ecological ADCON	Research Institute for Auxiliary Organic Products Polymer Multifunctional Composites http://icpao.birotec.ro Mirela Vasilescu icpao@birotec.ro	Research Institute for Auxiliary Organic Products Production Department http://icpao.birotec.ro Lucica Stanulet icpao@birotec.ro	Construction Industry / A new technology for obtaining a performant additive		
18.	NATO Carbon-Ceramic Composite Materials MATNANTECH S4 Composite Materials 2000-2004	Carbon-Ceramic Composite Materials NATO SfP 974214	Advanced Research Institute for Electrical Engineering www.icpe-ca.ro Ana Maria BONDAR abondar@icpe-ca.ro	National Institute for Lasers, Plasma and Radiation http://venus.ifa.ro Ioan MORJAN morjan@ifin.nipne.ro ROSEAL www.topnet.topnet.ro/roseal Istvan BORBATH roseal@topnet.ro	EWA and EVR applications / Development of a new range of tuneable carbon/ceramic	ROSEAL / ROSEAL	technology transfer extention of the market

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19.	FP6 Nanostructured magnetic materials MATNANTECH S9 New materials with electrical, optical and magnetic properties 2001-2004	Biphasic nanocomposites (Nd,Pr)FeB/ alfaFe	Advanced Research Institute for Electrical Engineering Micro and nanostructured magnetic materials and applications / Ion Ivan magnet@icpe.ro	National Institute for R&D of Physics of Materials Magnetic Characterization Laboratory / Dr. Mihaela Valeanu valeanu@infim.ro Babes - Bolyai University Physics Faculty / Dr. Viorel Pop viorel@phys.ubbcluj.ro	transducers, actuators, micromotors /	Advanced Research Institute for Electrical Enginee Micro and nanostructured magnetic materials and applications	Design of transducers, actuators and micromotors Developing the magnet market in Romania
20.	FP6 MATNANTECH S8 2003-2005	Magnetic thin – film microinductors MICROIMP	National Institute of Research and Development for Technical Physics The Centre for Amorphous and Nanostructured Magnet www.phys-iasi.ro Maria URSE urse@phys-iasi.ro	National Institute of Research and Development for Technical Physics www.phys-iasi.ro Anca - Eugenia Moga moga@phys-iasi.ro	Microelectronics / The experimental models for magnetic thin – film	Microelectronica	Industry
21.	AEROSPATIAL CERES S1 2003-2005	Magneto-optical investigation MGNOPTLMC		"POLYTEHNICA" University of Timisoara Magnetic fluid Laboratory / Oana Balau oanab@flumag.mec.utt.ro Romanian Academy – Subsidiary Timisoara Advanced and Fundamental Research Center Ladislau Vekas vekas@flumag.mec.utt.ro	Research publication	Romanian Academy – Subsidiary Timisoara Technical, Advanced and Fundamental Research Center	Research Marketing

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22.	MATNANTECH CERES S1 Development of fundamental knowledge 2002-2004	Study of the nanostructured systems	National Institute of Research and Development for Technical Physics The Centre for Amorphous and Nanostructured Magnet www.phys-iasi.ro Prof. Dr. Horia CHIRIAC hchiriac@phys-iasi.ro	"Alexandru Ioan Cuza" University of Iasi / Prof. Dr. Alexandru STANCU	Industry /	Microelectronica	Permanent magnets
23.	MATNANTECH CERES S1 Bulk nanocrystalline magnetic materials 2003-2005	New preparation procedure for bulk nanocrystalline materials MAGNA MASIV	National Institute of Research and Development for Technical Physics The Centre for Amorphous and Nanostructured Magnet www.phys-iasi.ro Prof. Dr. Horia CHIRIAC hchiriac@phys-iasi.ro	National Institute for Materials Physics – Bucuresti frunza@alpha1.infim.ro	Research /	Industry	
24.	MATNANTECH CERES S1 Bulk Amorphous Magnetic alloys 2001-2003	Investigation on the microscopic of the structural...	National Institute of Research and Development for Technical Physics The Centre for Amorphous and Nanostructured Magnet www.phys-iasi.ro Prof. Dr. Horia CHIRIAC hchiriac@phys-iasi.ro	"Alexandru Ioan Cuza" University of Iasi / Prof. Dr. Alexandru STANCU	Electrotechnical industry	Electrotechnical industry	

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25.	MATNANTECH CERES S1 Nanostructured magnetic materials 2001-2004	Investigation of the magnetization processes	National Institute of Research and Development for Technical Physics The Centre for Amorphous and Nanostructured Magnet www.phys-iasi.ro Prof.Dr. Horia CHIRIAC hchiriac@phys-iasi.ro	“Alexandru Ioan Cuza” University of Iasi / Prof. Dr. Alexandru STANCU	Computational domain	Computational domain	
26.	MATNANTECH S4 Advanced Materials with electric, optic, magnetic properties 2003-2005	Nickel-Zinc ferrites with low losses FERINIZN	Advanced Research Institute for Electrical Engineering Micro and Nanostructured Magnetic Materials and Applications www.icpe-ca.ro Dr. Phys. Jenica Neamtu jenica_neamtu@yahoo.com	SC ROFEP SA www.rofep.ro Ing. Virgil Prodan rofep@xnet.ro	Electronics and defense industry Technological transfer at economic agent	SC ROFEP SA SC ROFEP SA	To increase the magnetic performances of Nickel-Zi
27.	MATNANTECH S4 Advanced materials with electrical, optical, magnetic properties 2003-2005	Fe-Cu composites for anisotropic permanent magnets COMPOMAG	Advanced Research Institute for Electrical Engineering Magnetic and nanostructured materials www.icpe-ca.ro Mirela-Maria Codescu mcodescu@icpe-ca.ro	R&D Institute of Physics and Technology of Materials, Magurele / George Filoti filoti@alpha1.infim.ro	Electrical industry / Realisation of a composite material	Advanced Research Institute for Electrical Engineering ICPE-CA	The permanent anisotropic magnets Establishing of new mechanism and development

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28.	FP5 MATNANTECH S4 Multifunctional materials/PED-type project (demonstrator) 2001-2003	Ceramic-ceramic composites with performant thermomechanical properties COMPOZTERM	Metallurgical Research Institute Carbon, Refractory & Ceramic Materials www.metal.icem.ro Dr. Volceanov Eniko evolceanov@metal.icem.ro	METAV - SA Bucharest / Dr. Anghel Ioncea aioncea@metav.ro Metallurgical Research Institute Pilot plant for Refractory Materials / Alexandru Abagiu abagiu@metal.icem.ro	Metallurgy and high temperature applications / Development of zirconia nozzles for very harsh experiments	BEGA-REAL Pleasa Ploiesti Industrial partner	Implementation of the technology on the industry The end-user of the nozzles manufactured at BAGA-REAL
29.	ACTION COST E 37 Sustainability through new technologies Wood protection MATNANTECH AMTRANS 2003-2005	Elaboration of products and methods for reconditioning PLH	National Institute of Wood / Ioan CIUREA office@inl.ro	University "Lucian Blaga" Sibiu / Dr. biol. Livia Bucsa rector@univ.lbsibiu.ro National Museum "ASTRA" Sibiu / Ion Valeriu Olaru astra@zappmobile.ro	preservation and conservation of wood	National Museum	
30.	Parteneriat cu MPA Univ. Stuttgart privind product MATNANTECH 1988 - in derulare	Parteneriat cu MPA Univ. Stuttgart OTTO GRAF	National Institute of Wood / office@inl.ro		Productia de placi stratificate din lemn / export		
31.	MATNANTECH MENER 2001-2004	Sisteme hibride utilizate pentru alimentarea cu energie ELICI	Institutul de Cercetare si Proiectare pentru Electrotehnica / Teodorescu	Institutul National al Lemnului www.inl.ro Nicolae Stoean office@inl.ro			

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32.	<p>FP5 FP6 Prioritatea 3 Nanotechnologies and nano-sci Applications in areas such as health and medical</p> <p>MATNANTECH GRANT Chemistry</p> <p>2001-2005</p>	<p>Materiale nanostructurale cu proprietati neobisnuite</p>		<p>Universitatea POLITEHNICA Timisoara www.mec.utt.ro</p> <p>Universitatea de Vest Timisoara</p> <p>Inst. de Izotopi si Tehnologie Moleculara Cluj Napoca</p>	<p>health, medical systems, chemistry, food, environment /</p> <p>Proiectul este in curs de elaborare</p>	<p>Universitatea POLITEHNICA din Timisoara</p>	<p>utilizarea materialelor nanostructurate realizate</p> <p>Aplicarea in diferite domenii a materialelor nanostructurate</p>
33.	<p>FP6 bilateral Nanotechnologies and nanosciences New nanostructured materials</p> <p>MATNANTECH</p> <p>2003-2005</p>	<p>New nanostructured semiconductor materials TYPE I- HU 03/02</p>	<p>Institutul de Cercetare a Materiei Condensate Timisoara http://www.icmct.uvt.ro</p> <p>Terezia NYARI nyarit@icmct.uvt.ro</p>		<p>energetica solara, nano-electronica /</p> <p>Nanocristale semiconductoare si materiale nanostructurate</p>	<p>Institutul National de Cercetare-Dezvoltare pentru Electrotehnica Institutul de Cercetare a Materiei Condensate Timisoara</p>	<p>Gasirea domeniilor de aplicatie pentru materialele Comercializarea materialelor nanostructurate realizate</p>
34.	<p>FP6 Nanotechnologies and nanosciences nanocristale</p> <p>MATNANTECH</p> <p>2003-2005</p>	<p>Tehnologie de laborator pentru obtinerea materialelor...</p> <p>CISNANO</p>	<p>Institutul de Cercetare a Materiei Condensate Timisoara http://www.icmct.uvt.ro</p> <p>Terezia NYARI nyarit@icmct.uvt.ro</p>	<p>Universitatea de Vest Timisoara http://www.uvt.ro Dorina VANGHELI vangheli@physics.uvt.ro</p> <p>Universitatea "POLITEHNICA" Timisoara http://www.utt.ro Nicolae MUNTEAN nicolae@lselinux.utt.ro</p>	<p>nanomateriale pentru energetica solara</p>	<p>Institutul National de Cercetare-Dezvoltare pentru Electrotehnica Institutul de Cercetare a Materiei Condensate Timisoara</p>	<p>comercializare</p>

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35.	<p>FP6 Nanotechnologies and nanosciences fluide magnetice</p> <p>MATNANTECH CERES nanotehnologii si nanostiinte</p> <p>2003-2005</p>	<p>Investigarea prin metode magneto-optice a structurilor...</p> <p>MGNOPTLMC</p>	<p>Institutul de Cercetare a Materiei Condensate Timisoara http://www.icmct.uvt.ro</p> <p>Dr. Vlad SOCOLIUC socoliuc@icmct.uvt.ro</p>	<p>Universitatea "Politehnica" Timisoara Centrul National pentru Ingineria Sistemelor cu Fluide Magnetice / Drd.Oana Balau</p> <p>Academia Romana - Filiala Timisoara Centrul de Cercetari Tehnice Fundamentale si Avansate / Dr. Ladislau Vekas</p>	<p>Studiul fluidelor magnetice Caracterizarea structurala a lichidelor magnetice</p>	<p>Institutul National de Cercetare-Dezvoltare pentru Electrotehnica Institutul de Cercetare a Materiei Condensate Timisoara</p>	<p>colaborari in cercetare, pe moment fara comercializare</p>
36.	<p>FP6 Nanotechnologies and nano-sciences, knowledge-base Materiale avansate cu proprietati electrice si optice MATNANTECH S4 Materiale avansate cu proprietati Materiale dielectrice avansate</p> <p>2001-2004</p>	<p>Tehnologie de obtinere a noi materiale piezoelectrice</p> <p>TMPRMP</p>	<p>Institutul de Cercetare a Materiei Condensate Timisoara http://icmct.uvt.ro</p> <p>Dr. Ioan Grozescu grozescu@icmct.uvt.ro</p>	<p>Universitatea de Vest Timisoara Facultatea de Fizica www.uvt.ro Conf. dr. Dorina Vangheli vangheli@phis.uvt.ro</p> <p>ROMQUARTZ romquartz@4net.ro Ing. Cristina Mitrea romquartz@4net.ro</p>	<p>Cresterea cristalelor din topitura in mediu de oxizi</p> <p>Proces tehnologic de crestere a cristalelor</p>	<p>Institutul National de Cercetare-dezvoltare pentru Electrotehnica Institutul de Cercetare a Materiei Condensate Timisoara</p>	<p>Productie de serie</p> <p>Comercializare cristale</p>

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37.	<p>FP6</p> <p>Nanotechnologies and nano-sciences, knowledge-base Long-term interdisciplinary research</p> <p>MATNANTECH PROGRAM NUCLEU</p> <p>Microimbinari prin sudare cu fascicul laser</p> <p>2003-2005</p>	<p>Cercetarea proceselor de sudare cu laser PN 03</p>	<p>Institutul National de C-D in Sudura Centrul de Excelenta in Sudarea cu Ultrasunete www.isim.ro</p> <p>Ing. fiz. Valentin Birdeanu</p>		<p>Aeronautica, electrotehnica, telecomunicatii /</p> <p>realizarea unei baze de cercetare experimentala</p>	<p>Unitati industriale din domeniul aeronauticii</p>	<p>Utilizarea fasciculului laser la realizarea microimbinarilor</p> <p>Ofertare de tehnologii, tehnici de lucru</p>
38.	<p>FP6</p> <p>Nanotechnologies and nano-sciences, Knowledge-based multifunctional materials</p> <p>MATNANTECH Prioritar PP3</p> <p>Dezvoltare materiale performante</p> <p>2002-2005</p>	<p>Cresterea calitatii produselor si serviciilor PP3</p>	<p>Institutul National de C-D in Sudura Centrul de Excelenta in Sudarea cu Ultrasunete www.isim.ro</p> <p>dr. ing. Romulus Doru Pascu rpascu@isim.ro</p>	<p>ICPE Bucuresti / Fiz. Sanda Cotescu</p> <p>IPA Bucuresti / Ing. Gabriela Pascal</p> <p>ICMET Craiova / Dr. ing. Vasile Proca</p>	<p>aparate de masura si control, electronica, microelectronica /</p> <p>materiale avansate pin pulverizare cu plasma</p>	<p>ICPE Bucuresti, IPA Bucuresti, ICMET Craiova, ICTC</p>	<p>Aplicarea in practica a rezultatelor cercetarii</p> <p>Comercializare produse si tehnologii</p>

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<p>39.</p>	<p>FP6 Nanotechnologies and nano-sciences, knowledge-based New production processes and devices MATNANTECH Prioritar-PP3 microimbinari realizate cu ultrasunete 2001-2004</p>	<p>Centrul de excelenta in sudarea cu ultrasunete CEX PP3</p>	<p>Institutul National de C-D in Sudura Centrul de Excelenta in Sudarea cu Ultrasunete www.isim.ro ing. Octavian Oanca ooanca@isim.ro</p>	<p>AEM Timisoara / Ing. Beznoska ELBA Timisoara / Ing. Voicu Istin BEGA TEHNOMET Timisoara / Ing. Ianin Arcadie</p>	<p>Electrotehnica, automobile, aparate de masura si control / Automatizarea si flexibilizarea fabricatiei</p>	<p>ANA IMEP Pitesti</p>	<p>beneficiar al rezultatelor cercetarii comercializare</p>
<p>40.</p>	<p>FP6 Nanotechnologies and nano-sciences, knowledge-based New production processes and devices MATNANTECH RELANSIN S9 imbinare cu ultrasunete 2003-2005</p>	<p>Dezvoltarea de noi tehnologii si echipamente de imbinare</p>	<p>Institutul National de C-D in Sudura Centrul de Excelenta in Sudarea cu Ultrasunete www.isim.ro Ing. Octavian Oanca ooanca@isim.ro</p>	<p>Universitatea "POLITEHNICA" Timisoara / DIGITLINE ELECTRIC Timisoara</p>	<p>capatatori solari / Cu echipamentul specializat pentru realizare...?</p>	<p>Universitatea POLITEHNICA Timisoara</p>	<p>beneficiar al rezultatelor cercetarii Comercializare</p>

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41.	FP6 Nanotechnologies and nano-sciences, knowledge-based Materiale Avansate MATNANTECH RELANSIN S9 Nanomateriale 2000-2003	Phase transformation and dislocation related properties	Universitatea Politehnica din Timisoara Centrul de Competenta in Stiinta Materialelor www.utt.ro Mihalca si M. Nicoara		Sisteme microelectromecanice cu elemente de actionare Dezvoltarea cooperarii incercetarea materialelor	Universitatea Politehnica din Timisoara	Dezvoltarea relatiilor de cooperare si cercetare
42.	FP6 Nanotechnologies and nano-sciences, knowledge-based Materiale avansate MATNANTECH S9 Nanomateriale 2003-2003	Trimorph actuation by martensitic interactions	Universitatea Politehnica din Timisoara Centrul de Competenta in Stiinta Materialelor www.utt.ro Mihalca si M. Nicoara dmacovei@alpha1.infim.ro		Sisteme microelectromecanice cu elemente de actionare Dezvoltarea cooperarii incercetarea materialelor	Universitatea Politehnica din Timisoara	Dezvoltarea relatiilor de cooperare si cercetare
43.	FP6 Nanotechnologies and nano-sciences, knowledge-based Nanomateriale Materiale avansate MATNANTECH S9 2001-2005	Aliaje nanoicosaedrale si nanocristaline	INCDFM / D. Macovei	Universitatea Politehnica din Timisoara Centrul de Competenta in Stiinta Materialelor www.ut.ro Mihalca si M. Nicoara dmacovei@alpha1.infim.ro	Sisteme microelectromecanice cu elemente de actionare Dezvoltarea cooperarii in cercetarea materialelor	Universitatea Politehnica din Timisoara	beneficiar al rezultatelor cercetarii Comercializare in viitor

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44.	<p>FP6 03 - Nanotechnologies and nano-sciences, knowledge-based BIOTECH PHARE Nanomaterials and nanosciences Genetica si Biotehnologie vegetala</p> <p>2001-2003</p>	<p>Colectarea si valorificarea resurselor locale</p>	<p>Universitatea de Stiinte Agricole si Medicina Veterinara Dezvoltarea sustenabila a biodiversitatii vegetale www.usab-tm.ro</p> <p>Prof. dr. Gallia Butnaru galliab@yahoo.com</p>	<p>SC HORTICOLA SA Timisoara / DERATON SA Timisoara</p>	<p>Agricultura, horticultura, protectia mediului / genotipuri noi si tehnologia de cercetare</p>	<p>SC HORTICOLA SA SI DERATON SA Timisoara</p>	<p>beneficiari ai rezultatelor cercetarii</p>
45.	<p>FP6 03 Nanotechnologies and nano-sciences, knowledge-based Technologies associated with the production, transportation AEROSPATIAL Genetica</p> <p>2001-2004</p>	<p>Utilizarea nanomaterialelor în vederea contracararii....</p>	<p>Universitatea de Stiinte Agricole si Medicina Veterinara Dezvoltarea sustenabila a biodiversitatii vegetale www.usab-tm.ro</p> <p>Prof. dr. Gallia Butnaru galliab@yahoo.com</p>		<p>Agricultura, horticultura, protectia mediului / Utilizarea nanoparticulelor in contracararea efectelor...</p>		
46.	<p>FP6 EU FP6 NENAMAT; COST 532 3 - Nanotechnologies and nano-sciences, knowledge-based Thin film coatings of nano-composite materials MATNANTECH 2004-2006</p>	<p>Straturi tribologice nanocompozite Ti- Al-C-N</p>	<p>Universitatea "Petru Maior" din Targu Mures www.upm.ro</p> <p>Dr. Fiz. Dominic BIRO biro@upm.ro</p>	<p>SC.Durkopp-Adler, Targu- Mures ing. Wilhelm DOSA dosav@duerkopp-adler.ro</p> <p>Universitatea EMTE - Sapientia, Targu-Mures / dr Ing Dionisie HOLLANDA hollanda@ms.sapientia.ro</p>	<p>Acoperirea cu straturi subtiri tribologice antiuzura Obtinerea depunerilor dure formate din straturi subtiri</p>	<p>SC Durkopp-Adler</p>	<p>valorificare tehnologie la beneficiari</p>

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	<p>FP6</p> <p>47. MATNANTECH S3</p> <p>2003-2005</p>	<p>Sistem integrat de microrezervoare pe siliciu pentru eliberarea controlata a medicamentelor</p> <p>DESIRE</p>	<p>National Institute for Research and Development in Microtechnologies www.imt.ro</p> <p>Phys. Mihaela Miu mihaelam@imt.ro</p>	<p>Institutul de Cercetari Farmaceutice – ICCF / Dr. Mihaela Albulescu</p> <p>Institutul Oncologic Bucuresti</p>	<p>Medicina /</p> <p>A. Proiectarea si realizarea a doua componente ale unui microrezervor cu aplicatii in medicina si farmacie: o membrana din siliciu poros, si un capac din filme subtiri conductive;</p> <p>B. Tehnici de umplere a microrezervoarelor cu substante medicamentoase;</p> <p>C. Realizarea unui dispozitiv de eliberare controlata a medicamentelor;</p> <p>D. Testarea functionalitatii dispozitivului, din punct de vedere al tolerantei la implant</p>	<p>institutele de biologie din tara, laboratoarele de testare a medicamentelor, institutele de farmacologie, Institutul Cantacuzino – Bucuresti, si nu in ultimul rand, de catre unitati din cadrul Ministerul Sanatatii.</p>	<p>La finalul acestei cercetări, demonstratoarele realizate si testate în condiții de laborator, in-vitro, vor fi brevetate. Datorita noutatii domeniului abordat se propun 2 etape de realizare: in prima etapa, care face obiectul acestui proiect se va realiza modelul experimental pe siliciu, iar in etapa a doua se va propune un nou proiect de tip PA de transfer tehnologic catre agentii economici</p>
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	<p>FP6 48. MATNANTECH S8 2003-2005</p>	<p>Micro-chip pe siliciu pentru identificarea de ADN ADN PCR</p>	<p>National Institute for Research and Development in Microtechnologies www.imt.ro Dr. Irina Kleps irinak@imt.ro</p>	<p>S.C. DEXTER SRL / Dr. Lorand Savu</p>	<p>Medicina / A. Dezvoltarea unor retele de microreactoare cu sistem complex de incalzire ciclica ; B. Generarea PCR in interiorul microreactoarelor de siliciu si caracterizarea produsului de reactie prin metode clasice; C. Tehnologii de functionalizare a suprafetei microreactorului in vederea asigurarii imobilizarii lantului ADN amplificat prin PCR ; D. Citirea si interpretarea datelor in regim semiautomat ; proiectarea unui sistem automatizat de citire si analiza a materialului genetic</p>	<p>institutele de biologie din tara, laboratoarele de testare a medicamentelor, institutele de farmacologie, Institutul Cantacuzino – Bucuresti, si nu in ultimul rand, de catre unitati din cadrul Ministerul Sanatatii.</p>	<p>Realizarea proiectului deschide practic posibilitatea de dezvoltare in tara a unui microsystem – laborator multichip - ale carui elemente caracteristice sunt structuri realizate prin tehnologia siliciului. Se va dezvolta o noua metoda pentru identificarea rapida a materialului genetic (ADN), utilizand amplificarea unui fragment din ADN si analiza produsului de reactie</p>
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ECHIPAMENTE

Nr. Crt.	Denumire echipament / an punere in functiune (set de echipamente care au o utilizare comuna)	Utilizare, cuvinte cheie	Institutia persoana de contact / email
1.	Hydraulic Orbital Forming Press - 20 tf, 1990 Hydraulic Press - 150tf, 1980 Tensile-Compressive Testing Machine - 2,5 tf , 1974 Drawing bench, 1990 Ultasonic vibration drawing device, 2001 Electromagnetic forming equipment, 1998 Data aquisition equipment, 2002	orbital forging, ultrasonic drawing, deformation	“Gheorge Asachi” Technical University from Iasi Luchian ZAHARIA lzaharia@mail.tuiasi.ro
2.	Experimental installation for obtaining continuous, 1988	nanocrystalline and amorphous structure, continuous	“Gheorge Asachi” Technical University from Iasi Corneliu MUNTEANU munteanu@tuiasi.ro
3.	Software package Opti-FDTD 4.01, 2001	integrated optics, MOEMS, optoelectronics	IMT-Bucharest Dana Cristea danac@imt.ro
4.	Eight metallic autoclaves, 1989-2003 Teflonated autoclave, V=0.06 l; p=100 bar, T=250 C, 2004 Plated autoclave, V=0.1 l, p=2000 bar, 1986 Pilot autoclave, V=100 l, p=3000 bar, T=450 C, 1989 Command and control systems for the working parameters, 1986-2003 Heating systems and termic isolation, 1986 - 2003	devices, installation, instruments, engineering	National Institute R&D for Electrochemistry and Condensed Matter Ioan GROZESCU grozescu@icmct.uvt.ro
5.	RF generator (15 kW), 1994 Inductive coupled plasma reactor, 1994 Aerosols potion, 1996 High voltage and frequency generator, 1998	Nanospheres, microspheres, ICP plasma	National Institute R&D for Electrochemistry and Condensed Matter Stefan NOVACONI novaconi@icmct.uvt.ro
6.	High vacuum system, 1995 RF generator, 1997 High voltage source, 1996 Laser system, 1998	Thin film, RF plasma, ICP, deposition	National Institute R&D for Electrochemistry and Condensed Matter Stefan NOVACONI novaconi@icmct.uvt.ro

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7.	Laser granulation analyser, 2002 Atomic emission spectrophotometer PGS with laser, 1989 Differential thermal analyser MOM 4, 1996 Absorption spectrophotometer in IR, M80, 1994 X-ray fluorescence spectrophotometer – VRA 30, 1989	Structures, microelements	National Institute R&D for Electrochemistry and Condensed Matter Ioan GROZESCU grozescu@icmct.uvt.ro
8.	Heating and drying oven HERAEUS 6060, 2003 Centrifuge SIGMA 2-16, 2003 Analytical balance SARTORIUS 210S-OCE, 2003 Vacuum desiccator ROTH, 2003 Portable pH/ion-meter WTW and conductivity meter, 2003 Ultrasonic cleaner COLE PARMER, processor 750W COL, 2003 High-temperature vacuum oven CENTURION Q50, 2003	self-assembling, materials processing, innovative	National Institute R&D for Electrochemistry and Condensed Matter Terezia NYARI nyarit@icmct.uvt.ro
9.	Mills, 1980, 1995 Ovens, 1980, 1995 Filtre press, 1975 Extruder, 1975 Hydraulic presses, 1975, 1990 Furnaces, 1975, 1991, 2001 Hot press, 1979	Materials, Components, Processes	Advanced Research Institute for Electrical Engineering Dr. Gheorghe GAVRILIU gavriliu@icpe-ca
10.	Installation for heat treatment in electrolytical, 1992 Device for spark superficial electrodeposition, 1992	surface engineering, microalloying, heat treatment	“Gheorge Asachi” Technical University from Iasi Prof.dr.Eng. Constantin BACIU cbaciu@tuiasi.ro
11.	Vacuum induction (electric) furnace, 1972	induction furnace, steel, special alloys, vacuum	Metallurgical Research Institute Petrus ENE / Stefan STAN ene@metal.icem.ro
12.	Installation for electro slag remelting (ESR), 1977	Electroslag remelting, steel, special alloys	Metallurgical Research Institute Petrus ENE / Stefan STAN ene@metal.icem.ro
13.	Medium Frequency Induction Heating Furnace, VEM In, 1985	induction furnace, medium frequency, alloy	“Gheorge Asachi” Technical University from Iasi Assoc.Prof. Dr. Eng. Sergiu STANCIU sergiestanciu2003@yahoo.com
14.	Electric Furnaces with Silita Bars, 1985 Electric Furnaces with Metallic Resistances, 1985	electric furnace, silita bar, electric metallic resistance	“Gheorge Asachi” Technical University from Iasi Assoc. Prof. Dr. Eng. Iulian IONITA neidia@email.ro

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15.	powder metallurgy equipment, 1977 automatic hydraulic press - MEYER TYPE, 1977 sintered furnace - BALZERS TYPE, 1977	Powder metallurgy, Meyer type, Balzers type	Metallurgical Research Institute Mioara CHIVU chivu@metal.icem.ro
16.	Installations for obtain the special alloys, 1978 Air induction melting furnace, 1978 Hoy and cold rolling mill, 1978	Special alloys, complex technologies	Metallurgical Research Institute Mioara CHIVU chivu@metal.icem.ro
17.	Equipments for the preparation in air or vacuum, 1990 Equipments for the preparation of powders, 1995 Laboratory plants for thin films preparation, 1981-1996 Equipments for photo resist deposition and pattern, 1981	Nanocrystalline/Nanostructured magnetic materials	National Institute for R&D in Technical Physics, Iasi Prof. Dr. Horia CHIRIAC hchiriac@phys-iasi.ro
18.	Electronic microscope, 1989 X ray diffractometer, 2002 Milling equipment in protective atmosphere, 1989 Vacuum treatment furnace, 1989 3 furnaces in protective atmosphere (vacuum, hydro), 1989 Microhardness tester, 1990 DTA device, 1991	nanostructured surfaces, micro/nano powders	Advanced Research Institute for Electrical Engineering Dr. Eng. Mariana Lucaci lucaci@icpe-ca.ro
19.	X-ray diffractometer (XRD) Differential scanning calorimeter (DSC) Scanning electron microscope (SEM) Equipments and devices for magnetic characterization Equipments for the study of the alloys	X-ray diffraction, Morphological and topological characterization	National Institute for R&D in Technical Physics, Iasi Prof. Dr. Horia CHIRIAC hchiriac@phys-iasi.ro
20.	CT-Sintering tunnel furnace for ceramic, 1996	sintering, ceramic materials, composite materials	Metallurgical Research Institute Alexandru Abagiu abagiu@metal.icem.ro
21.	X-Ray Diffractometer, 2001	Nano-metre-scale engineering techniques	Advanced Research Institute for Electrical Engineering Ana Maria BONDAR abondar@icpe-ca.ro
22.	spectroscopic ellipsometer, 1978	ellipsometry, optical method, light polarization	Institute of Physical Chemistry Dr. Mariuca Gartner mgartner@icf.ro

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23.	High Vacuum Installation (10e-5 – 10e-6 mmHg), 1990 EMF measurements and coulometric titration equipment, 1996 Equipment for pressure measuring (Active Pirani Gauge), 1997 Furnace Centurion VPM, 1997 Equipment for acquisition and processing of data, 2003 High Temperature Furnace Termolyne 21100, 2002 Ytria stabilized zirconia solid electrolyte cells, 1999	Multifunctional Ceramic Nanomaterials, Fundamental	Institute of Physical Chemistry "I. G. Murgulescu" Dr. Tanasescu Speranta stanasescu@chimfiz.icf.ro
24.	Cell for titration, 2003 Automatique MicroBiurette, 2003 Double Platinum Electrode M231Pt2, 2003 Magnetic Stirrer, 2003 Potentiostat-Galvanostat Tacussel PJT 35-2, 1997	Multifunctional Ceramic Nanomaterials, Fundamental	Institute of Physical Chemistry "I. G. Murgulescu" Dr. Tanasescu Speranta stanasescu@chimfiz.icf.ro
25.	Differential Scanning Calorimeter - Perkin Elmer, 1992	Thermochemical characterization, Multifunctional	Institute of Physical Chemistry "I. G. Murgulescu" Dr. Tanasescu Speranta stanasescu@chimfiz.icf.ro
26.	DuPont 1090 Thermal Analyzer, 1981	Measurement and testing of materials	Institute of Physical Chemistry Vlad Tudor Popa vtpopa@icf.ro
27.	Optical bench for transverse magneto-optical investigations, 1998	dichroism, birefringence, static light scattering,	National Institute R&D for Electrochemistry and Condensed Matter Vlad Socoliuc socoliuc@icmct.uvt.ro
28.	FT-IR Spectrometer, Echinex 55, Bruker, 2001 FT-Raman module, FRA 106, Bruker, 2001 microRaman microscope, Ramanscope-2, Bruker, 2001 Raman setup, Ar ion laser (Innova), interferential, 1999	FT-IR, SERS	Babes-Bolyai University, Faculty of Physics Simion ASTILEAN sastil@phys.ubbcluj.ro
29.	Quadrupole mass spectrometer Leybold, PGA 100, wi , 1992 Component Analyser Wayne Kerr 20Hz-10MHz, 2002 Gas chromatograph Pye Unicam Series 104 (TCD detector), 1970 Gas Chromatograph Pye Unicam Series 104 (TCD detector), 1972 Gas Chromatograph Pye Unicam 4500 (FID detector), 1984 ESR spectrometer (donation), 1976 Vacuum thermobalance Sartorius 4102, 1970	Mass spectrometer, ESR spectrometer, impedance	Institute of Physical Chemistry "I. G. Murgulescu" Dr. Monica Caldararu mcaldararu@chimfiz.icf.ro

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30.	Furnace Vulcan 3-130 Ney, 1998 Furnace Superthal Kanthal AB, 1995 Ph meter Inolab WTW, 2001 Bridge Wayne Karre B331, 1975	physico-chemical properties measurements	Institute of Physical Chemistry "I. G. Murgulescu" Corneliu Mircea Olteanu olteanu_001@yahoo.com
31.	Sandblasting device, 2001 Optical microscope M.C.1.M., 1990 Polishing device, 2000	optical micrograph, structure images, interface	Institute of Physical Chemistry "I. G. Murgulescu" Corneliu Mircea Olteanu olteanu_001@yahoo.com
32.	VSM Magnetometer, 1996 X-ray Diffractometer, 2001 Furnace for elaboration/melting, 1984 Melt spinning instalation, 2003 Ball mill, 1980 Electromagnets for thermal treatment and isotherm, 1978 Histerezisgraph, 1980	Magnetic materials, elaboration, characterisation	Advanced Research Institute for Electrical Engineering Mirela-Maria Codrescu mcodescu@icpe-ca.ro
33.	Diffractometer DRON 3, 1981	NMP-3.4.2.1	Technical University of Cluj-Napoca Prof. Dr. Eng. George Arghir georgearghir@hotmail.com
34.	Rotative Ball Milla, 1981 Vibrating Ball Mills Kobber Ball Mills	NMP-3.4.2.1	Technical University of Cluj-Napoca L. Eng. Dana Bota bota.daniela@personal.ro
35.	6 vials Planetary Mill, 1981 4 Vials Planetary Mill	nanocrystalline, amorphous structures, powder materials	Technical University of Cluj-Napoca Ass. Eng. Virgil Prica cvprica@hotmail.com
36.	Convertor CS 350, 1995 Automatic flux welding AST4 MIG/MAG SACO2 Point welding machine PPU-16 Line welding machine PPU-125 WIG-Ar Model T150 Oxygas welding/cutting aparatus	Flux welding, flame cutting, welding, fixing	Technical University of Cluj-Napoca L. PhD. Eng. Marius Bodea bodea@zeus.east.utcluj.ro

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37.	Continuous laboratory plant for coprecipitation an, 2000 High pressure laboratory hydrothermal/electrochemical Laboratory chamber furnace - 1800 deg C Vacuum sintering furnace - 2000 deg C Ball mill Digital pH - meters Hydraulic presses	synthesis, sintering, electrodeposition	Institute for Non-Ferrous and Rare Metals PhD Robert Radu Piticescu rpiticescu@imnr.ro
38.	Continuous laboratory plant for coprecipitation, 2000 High pressure laboratory hydrothermal/electrochemical Laboratory chamber furnace - 1800 deg C Vacuum sintering furnace - 2000 deg C Ball mill Digital pH - meters Hydraulic presses	synthesis, sintering, electrodeposition	Institute for Non-Ferrous and Rare Metals PhD Robert Radu Piticescu rpiticescu@imnr.ro
39.	Vibrating installation with electrodynamic vibrator, 1990 Vibrating installation with rotary mechanical vibrator, 1988 Centrifugal casting installation with horizontal axl, 1985 Centrifugal casting installation with vertical axl, 1985	Grain refinement, compactization degree, cast part	“Gheorge Asachi” Technnical University from Iasi Prof. Dr. Eng. Gelu BARBU barbugelu1234@yahoo.com
40.	Chemical reactors for polymer synthesis 0,5;1;2;4, 1990 High - power homogenizer Ultra Turrax T 50 basic, 2004 Vacuum distillation units, 1987 Vacuum pump with remanent pressure to 0.01 mmHg We, 1989 Pilot units for polymer synthesis	polymer composites, nanocomposites, microcapsules,	Research Institute for Auxiliary Organic Products Hudak Gyongyike icpao@birotec.ro
41.	Multiparameter Apparatus - MULTI 340i – WTW, 2003 Hewlett Packard 5890 serie II Plus, 1996 HPLC Jasco UV 970/975, 1998 Karl Fisher apparatus, 1998 Microscopes optic and electronic; IR spectrophotometer Apparatus for viscosity determination: Rheomat INSTRON for mechanical testing	polymer composites, nanoparticles, nanocomposites	Research Institute for Auxiliary Organic Products Hudak Gyongyike icpao@birotec.ro
42.	JES FA100, 2003	self-assembling systems, monolayers on surfaces	Institute of Physical Chemistry "I. G. Murgulescu" Agneta Caragheorgheopol acaraghe@icf.ro
43.	Vibrating Sample Magnetometer, 2002	magnetization curve, initial susceptibility, saturation	University Politehnica of Timisoara Floriana D. Stoian dstoian@mec.utt.ro

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44.	Physica MCR 300 Rheometer, 2002	viscosity, shear stress, shear rate, magnetic viscosity	University Politehnica of Timisoara Ladislau Vekas vekas@acad-tim.tm.edu.ro
45.	Colectie termite pentru testari, 1970 Colectie ciuperci pentru testari, 1970 Stand pentru incercari la foc, 2000 Camera de sterilizare, 1982	*	Institutul National al Lemnului Octavia Zeleniuc office@inl.ro
46.	Masini universale de incercari ZD10/90 si WPM, 1983 Microscop, 1983 Aparat pentru determinarea uzurii TABER, 1982 Etuva HELIUS, 1985 Balanta semiautomata, 1985 Masina universala de incercari FEDER HAFF, 1983 Masina pentru determinare incovoiere dinamica, 1982	*	Institutul National al Lemnului Neagu Ene office@inl.ro
47.	Stand pentru testare ferestre la vant si apa, 1996 Stand pentru incercari mecanice ferestre, 1982 Stand pentru incercari mecanice usi, 1983 Camera climatica incercari usi, 2000	*	Institutul National al Lemnului Neagu Ene office@inl.ro
48.	Prelevator automat de formaldehida GRAPAS 1, 1988 Spectrofotometru SPEKOL EK1, 1988 Aparat de extractie lichid-lichid, 1995 Fotometru Dr. Lange cu termostrat, 2000 Monodistilator, 2004 Etuva termoreglabila MLV-WS 0030, 1986	formaldehida, placi din lemn, panouri lemn	Institutul National al Lemnului Victoria Teleaba office@inl.ro
49.	Stand de incercari mecanice tapiterie, 1982 Stand de incercari mecanice scaune, 1982 Stand de incercari corpuri mobilier cap, 1982 Stand de incercari mecanice mese, birouri, 1983 Stand incercari feronerie, accesorii, 2003	*	Institutul National al Lemnului Neagu Ene office@inl.ro
50.	Viscozimetru digital Brookfield, 1997 Viscozimetru Hoppter, 1985 Ultratermostat, 1985 Cuptor de calcinare, 1983 Umidometru pentru lemn, 1990 Refractometru ABBE, 1975	Adezivi, incleiere, lemn	Institutul National al Lemnului Mirela Tudorache office@inl.ro

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51.	<p>Instalatii de depunere in vid prin evaporare cu fascicol de electroni "NEVA"</p> <p>Instalatie de depunere in vid, prin evaporare din nacela, "BALZERS"</p> <p>Cuptoare de difuzie de inalta temperatura "LINDBERG"</p> <p>Instalatie de depuneri chimice din faza de vapori la presiune atmosferica (APCVD), sau la presiune scazuta (LPCVD)</p> <p>Implantator de ioni de curent mediu "VEZUVIU"</p> <p>Instalatie de corodare in plasma "BARELL"</p>	Technological equipments Deposition, APCVD, LPCVD	<p>Institutul National de C-D pentru Microtehnologie, Bucuresti</p> <p>Elena Manea</p> <p>elenam@imt.ro</p>
52.	<p>Masini de aliniere/expunere prin proximitate si contact</p> <p>Instalatie de etalare prin centrifugare</p> <p>Atelier de masti (Conditii de camera curata, clasa 1000 de desprafuire; clasa 100 - sub hote)</p> <p>Masina de lepuit plachete LP 300 TEHNOFINA</p>	Technological equipments	<p>Institutul National de C-D pentru Microtehnologie, Bucuresti</p> <p>Elena Manea</p> <p>elenam@imt.ro</p>
53.	<p>Microscop electronic</p> <p>Microscopae optice</p> <p>Thaly-step "TAYLOR-HOBSON" pentru masurarea grosimii straturilor depuse</p> <p>Balanta analitica</p> <p>Microscop de forta atomica – AFM</p> <p>Spectrofotometru - SPECORD M42</p> <p>Spectroelipsometru</p> <p>Spectrofotometrul IR, SPECORD M 80</p>	Microphysical characterization Optical microscopy, electron microscopy, spectroscopy, AFM,	<p>Institutul National de C-D pentru Microtehnologie, Bucuresti</p> <p>Adrian Dinescu</p> <p>adriand@imt.ro</p>
54.	<p>V/I-metru "DPM 1999/FERRANTI"</p> <p>Preamplificator SR560 (ce va fi utilizat la dezvoltarea unei noi metode de caracterizare a nanostructurilor prin masuratori de zgomot electronic in nanomateriale)</p> <p>Preamplificator SR560</p> <p>Preamplificator de zgomot redus Keithley w.RS232 + interfata</p> <p>Keithley picoammeter/voltage Source tip 6487</p>	Electrical measurement	<p>Institutul National de C-D pentru Microtehnologie, Bucuresti</p> <p>Adrian Dinescu</p> <p>adriand@imt.ro</p>
55.	<p>sistem de vid inalt dotat cu pompa preliminara ALCATEL SD-33 l si pompa turbomoleculara ALCATEL ATP 400</p> <p>controler flux gaze reactive in camera de iradiere MKS PR 4000;</p> <p>camera de reactie este prevazuta cu 3 joje ALCATEL de masurare a presiunii in domeniul 10^{-9}-10^3 mbar</p>	vacuum	INCD - Fizica Laserilor Plasmei si Radiatiilor

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56.	laser cu excimeri KrF* 248nm, 20 ns, Model M 1701 folosit pentru depuneri de straturi subtiri Instalatie Laser Nd:YAG multipuls, 1 Joule, 10Hz pentru curatirea suprafetelor laser CO2 de mare putere 1,5 kW dioda laser, LISA, putere 10 mW, 630 nm, cu sistem optic de colimare	lasers deposition, thin layers	INCD - Fizica Laserilor Plasmei si Radiatiilor
57.	sisteme de focalizare a radiatiei laser UV (248 nm, 308 nm, 193 nm) energimetru Field Master GS, un laser cu semiconductor pentru aliniere, ansamblu de piese pentru modernizarea instalatiei de vid de la firma BOC EDWARDS, 2003	lasers vacuum, colimation,	INCD - Fizica Laserilor Plasmei si Radiatiilor
58.	2 spectrometre IR si un FTIR spectrometru Raman Energimetru ED 200, pentru laseri pulsati osciloscop Philipps PM 3250 camera digitala EPSON pentru achizitionare si redare imagini	Characterization spectroscopy	INCD - Fizica Laserilor Plasmei si Radiatiilor
59.	Spectrofotometru de rezonanta magnetica nucleara JEOL 60 MHz, 1972 Spectrofotometru UV-viz.(SPECORD-M 42), 1990 Spectrofotometru IR (SPECORD-M 80), 1990	Spectrophotometry RMN, UV, IR	Laboratorul Polimeri Bioactivi si Biocompatibili Institutul de Chimie Macromoleculara "Petru Poni", Iasi
60.	Derivatograf MOM Budapesta, 1975 Cromatograf pe gel permeabil (PLEMD 950), 1994 Aparat DSC, 1996 Instalatie de raze X, 1982 Bai vascozimetrice Potentiometru automat asistat de calculator, Metrohm, 1996 Conductometru Radiometer Copenhagen, conectabil la calculator, 1995 Turbidimetru Brinkmann, SUA, conectabil la calculator, 1996	Characterization X ray diffraction	Laboratorul Polimeri Bioactivi si Biocompatibili Institutul de Chimie Macromoleculara "Petru Poni", Iasi
61.	Instalatii de sinteza pentru monomeri si polimeri Instalatie de ultrafiltrare Millipore, 2000-2001 Instalatie de filtrare sub presiune Sartorius, 1998 Instalatie de iradiere UV, 1992	Technological equipments polimers	Laboratorul Polimeri Bioactivi si Biocompatibili Institutul de Chimie Macromoleculara "Petru Poni", Iasi