Curriculum vitae Europass



Informaţii personale

Nume / Prenume	**IONELIA VOICULESCU**
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Telefon(oane)	Mobil: 0744327991
Fax(uri)	(rubrică facultativă, vezi instrucţiunile)
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Naţionalitate)	Romana

Locul de muncă vizat / Domeniul ocupaţional

Universitatea Politehnica din Bucureşti
Universitar

Experienţa profesională

Perioada	**2005 - prezent**
Funcţia sau postul ocupat	**Profesor universitar**
Activităţi şi responsabilităţi principale	Activităţi didactice, Membru in Consiliul profesoral al facultăţii IMST 2008-2012), responsabil cu activităţi de cercetare in Departamentul TMS, Director laborator pentru încercări metalografice - LAMET, www.lamet.ro, acreditat RENAR – Certificat nr. LI 754 din 12/02/2009, Presedinte Filiala ASR Bucuresti
Numele şi adresa angajatorului	Universitatea Politehnica din Bucureşti, 313, Splaiul Independentei, sector 6, 060042, Bucureşti, România
Tipul activităţii sau sectorul de activitate	UNI
Perioada	**1999 - 2005**
Funcţia sau postul ocupat	**Conferenţiar universitar**
Activităţi şi responsabilităţi principale	Activităţi didactice, Responsabil activităţi de cercetare, membru in colectivul de conducere al Catedrei TMS
Numele şi adresa angajatorului	Universitatea Politehnica din Bucureşti, 313, Splaiul Independentei, sector 6, 060042, Bucureşti, România
Tipul activităţii sau sectorul de activitate	UNI
Perioada	**1990 - 1999**
Funcţia sau postul ocupat	**Sef lucrări**
Activităţi şi responsabilităţi principale	Activităţi didactice
Numele şi adresa angajatorului	Universitatea Politehnica din Bucureşti, 313, Splaiul Independentei, sector 6, 060042, Bucureşti, România
Tipul activităţii sau sectorul de activitate	UNI
Perioada	**1987- 1990**
Funcţia sau postul ocupat	**Asistent universitar**
Activităţi şi responsabilităţi principale	Activităţi didactice
Numele şi adresa angajatorului	Institutul Politehnic Bucureşti, 313, Splaiul Independentei, sector 6, 060042, Bucureşti, România
Tipul activităţii sau sectorul de activitate	UNI
Perioada	**1985 - 1987**

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Funcţia sau postul ocupat	**Inginer cercetare**
Activităţi şi responsabilităţi principale	Cercetare
Numele şi adresa angajatorului	Institutul Politehnic Bucureşti, 313, Splaiul Independentei, sector 6, 060042, Bucureşti, România
Tipul activităţii sau sectorul de activitate	Cercetare
Perioada	**1983 - 1985**
Funcţia sau postul ocupat	**Inginer stagiar**
Activităţi şi responsabilităţi principale	Proiectare autoutilare
Numele şi adresa angajatorului	SC ELECTROARGES SA Curtea de Argeş, Jud. Argeş

Educaţie şi formare

Perioada	**Sept. 1992 – 11.03.1998**
Calificarea / diploma obţinută	**DOCTOR INGINER**, Diploma cu Seria P, Nr. 0001119, aprobata prin Ordinul Ministrului Învăţământului /
Disciplinele principale studiate / competenţe profesionale dobândite	Tehnologia sudarii prin topire, Ştiinţa materialelor, Bazele proceselor de sudare / Efectuarea si Coordonarea activităţilor de cercetare pe baza de program experimental, înţelegerea fenomenelor care apar in cadrul proceselor de dehidrogenare in câmp electric
Numele şi tipul instituţiei de învăţământ / furnizorului de formare	Universitatea Politehnica din Bucureşti, 313, Splaiul Independentei, sector 6, 060042, Bucureşti, România
Nivelul în clasificarea naţională sau internaţională	UNI
Perioada	**Septembrie 1978 - iunie 1983**
Calificarea / diploma obţinută	**INGINER**, DIPLOMA nr. 5412 din 23.12.1983, profil Mecanic, specializarea Utilajul si tehnologia sudarii, sef de promoţie pe tara
Disciplinele principale studiate / competenţe profesionale dobândite	Tehnologii de sudare, Bazele proceselor de sudare, Control defectoscopic nedistructiv, Studiul materialelor, Echipamente pentru sudare, Proiectarea maşinilor, utilajelor si construcţiilor sudate, Tehnologia materialelor, Mecanizarea si automatizarea proceselor de sudare, Pedagogie / Proiectare tehnologii de sudare si control defectoscopic, proiectare structuri sudate, conducerea activităţilor industriale, aptitudini pedagogice
Numele şi tipul instituţiei de învăţământ / furnizorului de formare	Institutul Politehnic Bucureşti, 313, Splaiul Independentei, sector 6, 060042, Bucureşti, România
Nivelul în clasificarea naţională sau internaţională	UNI

Aptitudini şi competenţe personale

Limba(i) maternă(e)	**Precizaţi limba(ile) maternă(e)** (dacă este cazul specificaţi a doua limbă maternă, vezi instrucţiunile)
Limba(i) străină(e) cunoscută(e)	**Engleza, Franceza**

Autoevaluare	Înţelegere				Vorbire				Scriere	
Nivel european (*)	Ascultare		Citire		Participare la conversaţie		Discurs oral		Exprimare scrisă	
Limba	En	B2	En	B2	En	B1	En	B1	En	B2
Limba	Fr	B2	Fr	C1	Fr	C1	Fr	C1	Fr	C1

(*) Nivelul Cadrului European Comun de Referinţă Pentru Limbi Străine

Competenţe şi abilităţi sociale	**Comunicativitate, spirit de echipa, onestitate** – dobândite ca expert coordonator in Programul Leonardo da Vinci si partener sau coordonator la numeroase proiecte de formare profesionala (10) si cercetare ştiinţifica (54 contracte de cercetare)

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Competenţe şi aptitudini organizatorice	**Coordonarea activităţilor de cercetare si didactice** – dobândite prin derularea in parteneriat naţional a numeroase proiecte de cercetare si proiecte internaţionale de formare profesionala **Coordonarea activităţilor de selecţie a proiectelor de formare profesionala la nivel naţional**: Expert european Leonardo da Vinci (1999-2001); Secretar al Comisiei naţionale de evaluare a proiectelor LdV (2001-2002) numita prin **ORD MEC Nr. 3022/2001.** **Evaluarea proiectelor de cercetare ştiinţifica**: Expert evaluator proiecte de cercetare (RELANSIN, CNCSIS, MATNANTECH), Specializarea Ştiinţa Materialelor, Sudare si control, **Certificat Nr. 78/186/04.03.2005** – AMCSIT Politehnica, modul Monitorizarea proiectelor **Coordonarea activităţilor profesionale in sudare** – Preşedinte al Filialei ASR Bucureşti (2012 – 2018)
Competenţe şi aptitudini tehnice	**Managementul proceselor de sudare si control, proiectare tehnologii de sudare, tratament termic, lipire, metalizare, sablare, managementul activităţilor de cercetare ştiinţifica** – competente dobândite ca urmare a experimentării, documentarii si derulării activităţilor de cercetare pe baza de contract, in urma specializării la Bursa Leonardo da Vinci, 2004, Lisabona, Portugalia - Training and certification of assesors in welding and nondestructive testing field, Nr. RO/F/91111/2003 si **Certificat nr. 739/05.05.2002**, AMCSIT Politehnica, Managementul Proiectelor C.D.I. **Evaluarea nivelului de pregătire doctorala** - Participarea ca membru in comisii de doctorat (20) si in comisii de evaluare periodica a doctoranzilor. **Managementul activităţilor de încercare (metalografice, microduritate)** - Acreditarea Laboratorului pentru Incercari Metalografice „*LAMET"* in calitate de Director al laboratorului si obtinerea Certificatului de acreditare Nr. LI 754/12.02.2009, absolvirea cursului „Prezentarea cerintelor ISO/CEI 17025:2005 – referenţial pentru acreditarea laboratoarelor de încercări/etalonări", cu **Certificatul Nr. 16884/C12/14.04.2006**: RENAR Bucureşti, beneficiara a Bursei TEMPUS, 1997, Saclay, Franţa – *Metalurgia Materialelor pentru Centrale Nucleare* (TEMPUS JEP – 9863/96); **Cunoaşterea si Aplicarea Principiilor Sistemului de Asigurare a Calităţii in activitatea didactica si cercetare** - Bursa TEMPUS, 1998, Torino, Italia – Asigurarea Calităţii in Controlul Nedistructiv (TEMPUS S JEP – 11351/96), Bursa Leonardo da Vinci, 1999, Leicester, UK – Implementarea spiritului calităţii în procesul educaţional - Leonardo da Vinci – RO/98/PL 83521/I.1.2.c - Proiect pilot **Comunicare si cooperare in domeniul formarii profesionale** – schimb de experienţa in cadrul bursei Socrates, Lisabona, Universidade Nova, 2006 si Training for improvement the managerial skils of university teachers Leonardo da Vinci – RO/2001/PL 87069/Ex - Proiect mobilităţi **Publicare de cursuri si cărţi de specialitate** - lucrări tehnice adresate specialiştilor: **4** capitole de carte publicate in edituri straine (IntechOpen-3 si Wiley-VCH-1), **1** carte în Editura Academiei Române, **8** cărţi tehnice de specialitate in edituri cu ISBN, **1** carte didactica (note de curs) destinata pregătirii studenţilor şi **6** îndrumare de laborator; teza de doctorat (1998): **241** lucrări ştiinţifice publicate, dintre care **62** articole cotate **ISI** Thompson Reuters (42 in reviste de specialitate de circulaţie internaţională si 20 in proceedings-uri), **9** lucrari in reviste indexate în baze de date internaţionale specifice domeniului, **38** lucrari publicate în reviste de specialitate naţionale; **80** lucrări publicate în volumele unor congrese sau conferinţe internaţionale; **52** lucrări publicate în volumele unor manifestări ştiinţifice din ţară, **16** brevete de inventie publicate OSIM.
Competenţe şi aptitudini de utilizare a calculatorului	**Utilizare MS OFFICE**
Competenţe şi aptitudini artistice	Descrieţi aceste competenţe şi indicaţi contextul în care au fost dobândite. (Rubrică facultativă, vezi instrucţiunile)
Alte competenţe şi aptitudini	**Membru in Asociaţii profesionale**: - ASR – Asociatia de Sudura din Romania - Presedinte Filiala Bucuresti - SF2M – Societe Francaise de Materiaux et Metallurgie, membru 1993; - A S M International - - Belgia, membru 1994; - A I M - Associazione Italiana di Metallurgia, Italia, membru 1995; - AGIR – Asociaţia Generală a Inginerior din Romania, membru1990. **Menţionare in Monografii** **-** Monografia Bibliografica "Who's Who in The World" in 1999 - Selecţionata pentru "20th Century Award for Achievement" - 2000. - Nominalizata - INTERNATIONAL WOMAN OF THE YEAR, 2000/2001 - Bibliografie Publicata in Monografia Bibliografica "Who's Who, Enciclopedia Personalităţilor din România" in 2008.
Permis de conducere	**Categoria B**

Prof.dr.Ing. Ionelia VOICULESCU, 2021

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ANEXA 1

CONTRACTE DE CERCETARE

Programul/Proiectul	Funcţia	Perioada: de la... până la...	Valoare, RON
MCT Nr.836/1996, Tema A2 – Cercetări privind sudarea materialelor compozite cu matrice metalică şi a materialelor amorfe	**Director proiect**	1995 – 1997	
MCT Nr.711/1996, Act adiţional nr. 843/1998/IV - Modificarea proprietăţilor şi structurii aliajelor prin prelucrare superficială cu flux de electroni	**Director proiect**	1995 – 1998	
MCT Nr.836/1996, Tema B19 – Cercetări privind îmbinarea materialelor ceramice	**Director proiect**	1996 – 1999	
MCT Nr.711/96, Act adiţional nr. 2/96, - Cercetări privind dehidrogenarea termică şi în câmp electric a oţelurilor	**Director proiect**	1996-1997	
ERBCIPACT 940192 – contract COPERNICUS-94, Amelioration des techniques de fabrication et developpement des procedes de reciclage de materiaux metallique poliphase et composites pour applications dans les industries des transports (cooperare România-Belgia-Franţa-Slovacia),Coordonator: Prof.F.Delannay (Universite Catholique de Louvain, Belgique)	Colaborator	1994	
Programul RELANSIN, 2000, Contract Nr. 906/2000 – Tema "Tehnologie de sudare cu arc electric (SMAW şi GMAW) a şinelor cap la cap (CF 49B – CF 49B, CF 49B – RI60, RI60-RI60)".	**Director proiect**	2000-2001	800000 mil
Programul Relansin, 2000, Contract Nr. 907/2000 – Tema "Tehnologie şi dispozitiv pentru recondiţionarea şinelor în curbă"	**Director proiect**	2000-2001	980000 mil
Programul Relansin, nr. 2023/15.09.2004, Realizarea unei familii de vergele învelite, ecologice, pentru brazarea cu aliaje de argint -**VERAG**	**Director proiect**	2004 – 2005	1.450.000
Programul Relansin, Contract Nr. 1479/2003, Linie tehnologică pentru obţinerea plaselor metalice,	**Responsabil proiect**	2003 – 2004	1.500.000
MECT, Programul RELANSIN, Contract 1772/2003„ Tehnologie de sudare cu arc electric sub apa in mediu de gaze protectoare" - **POSA** (UPB – CAMIS)	**Coordonator si Responsabil stiintific**	2003 – 2005	450.000 Mil.
Program INFRAS Nr. 238/2004 Laborator pentru încercări construcţii sudate – **SUDOTEST**	**Director Laborator**	2004 – 2005	200.000
Program CEEX nr. 098/2005, Cercetari fundamentale si aplicative privind realizarea bronzurilor cu 12-15% staniu destinate obtinerii unor straturi antifrictiune – **BRONZINV**	**Responsabil stiintific**	2005- 2007	180.000
Program CEEX, contract nr. 099/2005, Cercetări inovative privind realizarea unor noi materiale pentru sudare si procese de productie – **MATAVSUD**	**Responsabil stiintific**	2005 – 2007	180.000
Program CEEX, contract nr. 116/2005, Tehnologii inovative de crestere a disponibilitatii utilajelor pentru reabilitarea drumurilor (terasiere) prin utilizarea elementelor modulate, incarcate cu straturi dure prin sudare – **DURASTRADE**	**Director proiect**	2005 – 2007	120.000
Program CEEX, contract nr. 114/2005 – Cercetari inovative privind valorificarea complexa a materialelor si rezidurilor organice pentru obtinerea resurselor alternative regenerabile de energie in instalatii adaptate pentru mediul rural - **RARENERG**	**Responsabil stiintific**	2005-2007	225.000
Program INVENT 2005 – Material şi tehnologie pentru fabricarea sculelor încărcate prin sudare intens solicitate la temperaturi ridicate - **INCASUD**	**Responsabil stiintific**	2006 – 2007	41.250
Program CEEX contract nr. 77/2005 – Cercetări fundamentale şi aplicative privind cresterea eficientei energetice si reducerea poluarii prin realizarea sistemelor	**Responsabil stiintific**	2005-2007	277.000

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de ardere autocarburante la cazanele de mare putere – **AUTOCARB**			
Program CEEX, contract nr. 78/2005 – Cercetari inovative privind realizarea şi implementarea în agregatele termice industriale a unor noi atenuatoare de zgomot in vederea reducerii poluarii sonore generate de esaparea in atmosferă de gaze sau abur – **POLSON**	**Responsabil stiintific**	2005-2007	236.000
Program RELANSIN, contract nr. 2101 / 2004, Realizarea si implementarea cuptoarelor de incalzire pentru produse mici, de serie mare, supuse operatiilor de matritare **– CUPTINC**	Colaborator	2004-2006	
Program CEEX, contract Nr. 158 /2006 – Cercetari privind elaborarea unei tehnologii romanesti de co-combustie: biomasa – carbune – **BIOCARB**	Colaborator	2006 – 2008	
Program CEEX, contract Nr. 221 /2006 – Materiale novative cu structură amorfă pentru brazare destinate aplicaţiilor industriale speciale – **NOVABRAZ**	Colaborator	2006 – 2008	320.000
Program CEEX, contract Nr. 223 /2006 – Materiale noi biocompatibile pentru implantologie ortopedica **– BIOCOB**	Colaborator	2006 – 2008	
Program CEEX, contract Nr. 256 /2006 – Cercetări fundamentale şi aplicative privind prelucrarea cu jet de apă şi particule abrazive orientate electromagnetic – **ELMAJET**	Colaborator	2006 – 2008	350.000
Program CEEX, contract Nr. 299 /2006 – Cercetări fundamentale şi aplicative privind transferul intensiv al energiei termice in cuptoare destinate obţinerii produselor ceramice de inalta refractaritate – **CUPCERAM**	Colaborator	2006 – 2008	
Program CEEX, contract Nr. 298 /2006 – Materiale şi tehnologii inovative pentru creşterea durabilităţii elementelor active din componenţa echipamentelor tehnice utilizate în agricultură – **DURAG**	**Director proiect**	2006 – 2008	1.420.000
Program CEEX, contract Nr. 322 /2006 – Cercetări fundamentale şi aplicative privind realizarea bronzurilor CuNiAl destinate recondiţionării elicelor navale – **ELNAV**	Colaborator	2006 – 2008	300.000
Program CEEX Nr. 634 /2006 – Laborator pentru incercari metalografice – **LAMET**	**Director proiect**	2006 – 2008	780.000
Program CEEX, contract Nr. X2C22 /2006 – Cercetări fundamentale şi aplicative privind obţinerea produselor tubulare din oţeluri de calitate superioară în vederea reducerii costurilor şi ecologizării producţiei- **TUBOTEL**	Colaborator	2006 – 2008	
Program PNCDI, contract Nr. 21016 /2007 – Solutii novative privind depoluarea termica, separarea si captarea CO_2 din gazele arse rezultate din procesele termice industriale – **DEPOLTERCHIM**	Colaborator	2007 – 2009	250.000
Program PNCDI, contract Nr. 71014 /2007 – Realizarea in sistem modular a snecurilor utilajelor de extruziune din industriile prelucratoare – **SENMELC**	Colaborator	2007 – 2009	350.000
Program PNCDI, contract Nr. 71039 /2007 – Tehnologii inovative pentru realizarea de elemente modulate destinate fabricării sculelor pentru deformări plastice - **ELMOD**	Colaborator	2007 – 2009	153.200
Program PNCDI, contract Nr. 71039 /2007 – Tehnologii inovative de obtinere din materiale compozite cu proprietati dirijate a lagarelor de alunecare pentru industria auto – **TOMCD**	Colaborator	2007 – 2009	300.000
Program PNCDI, contract Nr. 71061 /2007 – Tehnologii si materiale inovative pentru fabricarea pieselor de uzura destinate productiei de automobile – **TEMIPUPA**	Colaborator	2007 – 2009	300.000
Program PNCDI, contract Nr. 71066 /2007 – Electrozi multistrat pentru sudarea prin rezistenta electrica in puncte si linie – **ELSUD**	**Responsabil stiintific**	2007 – 2009	400.000
Program PNCDI, contract Nr. 71118 /2007 – Nanomateriale de adaos microaliate pentru imbinarea materialelor ceramice – **NANOCERAD**	**Responsabil stiintific**	2007 – 2010	460.000
Program PNCDI, contract Nr. 71132 /2007 – Sudarea cu	**Responsabil stiintific**	2007 – 2010	

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laser a capsulelor pentru surse radioactive- **LASERCAP**			500.000
Program PNCDI-Inovare, contract Nr. 1321 /2007 – Instalatie ecologica pentru prelucrarea deseurilor menajere – **ECOMAG**	**Responsabil stiintific**	2007 – 2010	260.000
Program PNCDI-Inovare, contract Nr. 1321 /2007 - Realizarea prin thixotropizare si injectare directa in matrita a pieselor complexe destinate echipamentelor electronice si de comunicatii – **THIXINJECT**	Colaborator	2007 – 2009	176.000
Program PNCDI-Inovare, contract Nr. 1334 /2007 – Materiale noi si tehnologii inovative pentru cresterea rezistentei la oboseala si coroziune a pieselor de uzura – **MICROPU**	Colaborator	2007 – 2009	350.000
Program PNCDI-Inovare, contract Nr. 1400 /2007 – Formarea prin pulverizare a electrozilor compoziti, utilizati pentru depuneri dure si sudare in puncte – **PULVER**	**Responsabil stiintific**	2007 – 2010	171.500
Program PNCD 2/PARTENERIATE, contract nr. 72-216/2008 Tehnologie de depunere prin sudare hibrida Laser-MIG cu pulberi – **LASERDEP**	**Director proiect**	2008 – 2010	319.482,22
PARTENERIATE - Contract nr. 72224/01.10.2008 Implementarea efectului de memorie a formei in sisteme mecatronice inteligente utilizand materiale avansate obtinute prin metalurgia pulberilor - **AMFM**	Colaborator	2008 - 2011	300.000
Program PNCD II/PARTENERIATE, contract nr. 145/11.06.2008 A.Ad.nr.3/03.2010, Nou material compozit Al–Bazalt utilizat la producerea de piese rezistente la uzura - **MATCOMALBAZ**	Colaborator	2008 - 2011	67.600
Program PNCD II/PARTENERIATE, contract nr.72203/1.10.2008, Solutii novative de realizare prin autoformare a modelelor pentru turnarea pieselor de serie mica si unicate - **AUTOFORMMODEL**	Colaborator	2008 - 2011	284.000
Program PARTENERIATE-PCCA, contract nr. **72218/ 2008,** Ciocane ranforsate cu deseuri recuperabile de carburi pentru mori de macinare - **MILHAM**	Colaborator	2008 - 2011	234.069,95
Program PARTENERIATE - PCCA, contract nr. 170/2012 - High toughnes nanoprecipitate microalloyed steels – **ToughNanoMicrAl**	Colaborator	2012 - 2014	280.000
Program PARTENERIATE-PCCA, contract nr. 188/2012 - Materiale si tehnologii performante destinate realizarii cutitelor de freza pentru asfalt - **MATFREZ**	**Responsabil stiintific UPB**	2012 - 2015	350.000
Program PARTENERIATE-PCCA, contract nr. 209/2012 - Composite structures resistant at dynamic loadings applied with high deformation speeds used in the field of collective protection – **HEAMIL**	Colaborator	2012-2015	870.000
PROGRAM PN-II-IN-DPST-2012, CONTRACT NR. -1-0066, Componentă pentru excavator ranforsată cu aliaje cu entropie ridicată – **HEATEETH**	Colaborator	2013-2015	410.000
Program PCCA, contract nr. 243/2014, Materiale metalice avansate pentru noile generații de centrale nucleare, 4R – **NUCLEARMAT**	Colaborator	2014-2016	455.000
PCCDI 60/2018 - OBȚINEREA ȘI EXPERTIZAREA UNOR NOI MATERIALE BIOCOMPATIBILE PENTRU APLICAȚII MEDICALE – MedicalMetMat – Proiect 2 - BIOTIT - ALIAJE BIOCOMPATIBILE PE BAZĂ DE TITAN PENTRU PROTETICĂ MEDICALĂ DIN SISTEME COMPLEXE MICROALIATE, 2018-2020, U.T. Gh. Asachi Iasi, UPB	Colaborator	2018-2021	
PCCDI 60/2018 - OBȚINEREA ȘI EXPERTIZAREA UNOR NOI MATERIALE BIOCOMPATIBILE PENTRU APLICAȚII MEDICALE – MedicalMetMat – Proiect 4 - HEAMED - ALIAJE BIOCOMPATIBILE CU ENTROPIE RIDICATĂ PENTRU APLICAȚII MEDICALE, 2018-2020, U.T. Gh. Asachi Iasi, UPB	Colaborator	2018-2021	
PCCDI 20/2018 - SISTEME DE PROTECȚIE INDIVIDUALĂ ȘI COLECTIVĂ PENTRU DOMENIUL MILITAR PE BAZĂ DE ALIAJE CU ENTROPIE RIDICATA- HEAPROTECT -	Colaborator	2018-2021	

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Proiect 1 - COMBPROT - SISTEM DE PROTECȚIE ANTI-EXPLOZIE DIN ALIAJE UȘOARE CU ENTROPIE RIDICATĂ PENTRU REZERVOARE DE COMBUSTIBIL, 2018-2020, IMNR Bucuresti, UPB, UDJG, UC, ATM Bucuresti			
PCCDI 20/2018 - SISTEME DE PROTECȚIE INDIVIDUALĂ ȘI COLECTIVĂ PENTRU DOMENIUL MILITAR PE BAZĂ DE ALIAJE CU ENTROPIE RIDICATA- HEAPROTECT - Proiect 2 - HEAPROT - SISTEME DE PROTECȚIE COLECTIVĂ REALIZATE DIN ALIAJE CU ENTROPIE RIDICATĂ DIN SISTEMUL AlCrFeMnNi MICROALIATE Ti, Zr, Hf, Y, 2018-2020, IMNR Bucuresti, UPB, UDJG, UC, ATM Bucuresti	Colaborator	2018-2021	
PCCDI 20/2018 - SISTEME DE PROTECȚIE INDIVIDUALĂ ȘI COLECTIVĂ PENTRU DOMENIUL MILITAR PE BAZĂ DE ALIAJE CU ENTROPIE RIDICATA- HEAPROTECT - Proiect 3 - MILSUD - SISTEME DE PROTECȚIE COLECTIVĂ REALIZATE DIN ALIAJE CU ENTROPIE RIDICATĂ DIN SISTEMUL AlCrFeMnNi MICROALIATE Ti, Zr, Hf, Y, 2018-2020, IMNR Bucuresti, UPB, UDJG, UC, ATM Bucuresti	Responsabil UPB	2018-2021	
PCCDI 20/2018 - SISTEME DE PROTECȚIE INDIVIDUALĂ ȘI COLECTIVĂ PENTRU DOMENIUL MILITAR PE BAZĂ DE ALIAJE CU ENTROPIE RIDICATA- HEAPROTECT - Proiect 4 - HEAPENET - PENETRATOR CU ENERGIE CINETICĂ RIDICATĂ REALIZAT DIN ALIAJE CU ENTROPIE RIDICATĂ DIN ELEMENTE CHIMICE DE MARE DENSITATE, 2018-2020, IMNR Bucuresti, UPB, UDJG, UC, ATM Bucuresti	Colaborator	2018-2021	
PCCDI - PED514/2020 - NOU MATERIAL COMPOZIT CU STRATURI CERAMICE DEPUSE PRIN PRELUCRARE CU LASER PENTRU APLICAȚII LA TEMPERATURI RIDICATE ȘI COROZIUNE – LASCERHEA	**Director proiect**	2018-2022	
Proiecte internationale de formare profesionala			
Program **Leonardo Da Vinci** Nr.RO/98/PL 83521/I.I.2.c, Partener De Montfort University – UK **Trainers formation for promotion of quality spirit in educational process**,	Participant	1998 – 1999	
Program **Leonardo Da Vinci** RO/98/83554/PI/I.I.l.b./CONT., Parteneri: De Montfort University – UK, Universite de Rennes – F, Universidade do Porto – PT **Promotion of quality spirit in educational process of initial and continuing vocational training**,	Participant	1999 – 2000	
Program **TEMPUS** JEP 9863 – 1997, Partener CEA Saclay, Franta **Metallurgie des materiaux nucleaire**	Participant	1997	
Program **TEMPUS** S-JEP 11351-96, ITALIA **Quality Assurance in NDT** (Non-Destructive Testing)	Participant	1998	
Training for improvement of managerial skils of university teachers, **Proiect Leonardo da Vinci** – RO/2001/PL 87069/Ex – mobilităţi, Partener: Universidade do Aveiro, PT	Participant	2002	
Program **Leonardo da Vinci – mobilitati**, Nr. RO/F/91111/2003, Parteneri: EWF – European Federation for Welding, Joining and Cutting, Porto Salvo, PT, Universitatea Politehnica din Bucuresti, Universitatea "Transilvania" Brasov, **Training and certification of assesors in welding and nondestructive testing field** –	**Coordonator**	2004	18.000 Euro
Program **Leonardo da Vinci** Nr. RO/00/B/F/PP/141037, Parteneri : IUT Rennes – F, University of Patras – EL, Universite de Liege – B, Universitatea "Dunarea de Jos", Galati – RO, MAZAK EUROPE, Goppingen – D, SANDVIK COROMANT, Stocholm – SW, HESPER SA Bucuresti –	Participant	2001-2003	

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RO, **Centre Professionnel pour Formation Continue en Productique Moderne** –			
Program **Pilot Leonardo da Vinci** Nr. RO/2003/PL91110/EX, Partener Centre de Support Telematique, Marche-en-Famenne, Belgique, **Certification des competences dans le management de l'environnement**	Participant	2004	
Program **Leonardo da Vinci** Nr. RO/2004/93006/EX, Partener: Universidade NOVA Lisboa, PT, **Training for biomaterials integration in computer-aided medicine paradigm (TICAMP**)	**Coordonator**	2005-2006	20.985 Euro
Program **SOCRATES** – RO Bucures 11 Higher Education Project, Universidade Nova de Lisboa	Participant	28.04.2006 – 13.05.2006	

ANEXA 2

LISTA DE LUCRĂRI

IONELIA VOICULESCU – Doctor inginer din 1998, Profesor din 2005

1⁰ Teza de doctorat:

T1. **TONOIU** (**VOICULESCU**) Ionelia **-** Contribuţii privind difuzia hidrogenului în oţeluri pentru structuri sudate, Universitatea Politehnica din Bucureşti, Seria P, Nr. 0001119/1998.

2⁰ Cărţi publicate prin care se aduc contribuţii la asigurarea şi perfecţionarea activităţilor didactice/profesionale

CĂRŢI / Capitole de carte PUBLICATE LA EDITURI CU ISBN (Ca)

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Ca2. Gh. Zgură, I.Severin, **I.Tonoiu**, *Materiale compozite cu matrice metalică, tehnologii de prelucrare*, Editura Academiei Române, 2000, Bucureşti, ISBN: 973-27-0729-1, 335 pag.

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Ca 4. **Ionelia Voiculescu**, *Sudarea aluminiului şi a aliajelor sale*, Editura PRINTECH, 2003, Bucureşti, ISBN 973-652-933-9, 249 pagini.

Ca 5. C.Predescu, D.Bunea**,… I.Voiculescu** si col, *Legislaţie şi management de mediu în Uniunea Europeană – La legislation et le Management de l'Environnement dans l'Union Europeenne* – Editura Printech, Bucureşti, 2004, ISBN 973-718-045-3, 212 pagini.

Ca 6. **Ionelia Voiculescu**, *Hidrogenul în oţeluri pentru construcţii sudate*, Editura PRINTECH, 2005, Bucureşti, ISBN 973-718-181-6, 153 pagini.

Ca 7. **Ionelia Voiculescu**, Corneliu Rontescu, Ileana Liliana Dondea, Metalografia Îmbinărilor Sudate, Editura SUDURA, Timisoara, 2010, ISBN 978-973-8359-58-1, 260 pag.

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Ca12. Geanta V., **Voiculescu I.,** Characterization and Testing of High Entropy Alloys from AlCrFeCoNi System for Military Applications, Engineering Steels and High Entropy-Alloys, Ed. IntechOpen 2019, DOI: http://dx.doi.org/10.5772/intechopen.88622, ISBN 978-1-78985-948-5, Recenzii/Indexări:SCOPUS, p.139- 156.

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Cb1. V.Miclosi, **I.Tonoiu**, Gh.Solomon, Materiale şi tratamente termice pentru structuri sudate, (Note de curs), Editura U.P.B.,1994, 100 pag.
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