

CURRICULUM VITAE



Informatii personale	Nume	Mihaiescu Daniel-Cristian
	Telefon , E-mail	+40 751283316 danielcristian2000@yahoo.com
Experienta profesionala	Perioada	Aprilie 2014 – Prezent
	Pozitia ocupata	Doctor inginer - CSIII
	Domeniu de activitate	Cercetare/dezvoltare – Laboratorul tehnologiei valorificare resurse metalice (cercetare aplicativa)
	Numele si adresa angajatorului	INCDMNR-IMNR, Blvd. Biruintei 102, Pantelimon, Ilfov
	Perioada	Aprilie 2007 – mai 2010
	Pozitia ocupata	Inginer specialist
	Domeniu de activitate	Membu echipa cercetare in proiectul CEEX no. 236/2006, in domeniul obtinerii si caracterizarii materialelor carbonice multifunctionale (MCM)
	Numele si adresa angajatorului	ICEM SA, Strada Mehadia 39, Bucuresti
Educatie	Perioada	EQF8 –sept.2009-martie 2015; EQF7- oct.2006-feb.2008; EQF6-oct. 2000-iunie 2006
	Calificari/diplome	<ul style="list-style-type: none">EQF8; Doctorat in domeniul ingineriei chimice; Titlul tezei: Caracterizarea complexa a materialelor deseuri industriale, din sectoarele metalurgiei si prelucrarii energetice a carbunilor, in scopul reducerii poluarii mediuluiAbsolvire cu diploma „JCCP Training Course on Dispersed Organic Matter. Organic petrology”; September 10-16, Porto, 2011EQF7; Masterat in domeniul metalurgiei; Specializare: „Procedee speciale de obtinere prin turnare a pieselor”EQF6; Absolvent – Inginer diplomat; Lucrare Licenta: „Cercetari privind obtinerea prin turnare a materialelor compozite din sistemul Al – particule de grafit”
	Competente dobandite	Determinari petrografice – compozitie structurala, Caracterizari fizico-chimice: Materiale carbunoase, carbonice, deseuri; Metalurgie.
	Denumirea institutiei de invatamant	EQF8 Universitatea POLITEHNICA din Bucuresti, Facultatea de Chimie Aplicata si Stiinta Materialelor Polizu 1-7; EQF6,7 Universitatea POLITEHNICA din Bucuresti, Facultatea Stiinta si Ingineria Materialelor, Splaiul Independentei 313
Alte informatii		Publicatii <ol style="list-style-type: none">Predeanu, G., Lambescu, S., Slăvescu, V., Mihaiescu, D., Călinescu, I., Chipurici, P., Panaitecu C., Gavrilă, A. 2008. Wastewater treatment by the use of some new carbon based adsorbents. Chemical Engineering Transactions, vol.15, pp. 231-239. ISBN 978-88-95608-09-9, http://www.aidic.it/cet/08/15/031.pdfPredeanu, G., Lambescu, S., Slăvescu, V., Panaitecu, C., Mihaiescu, D., 2008. "MCM manufacturing from renewable raw materials", Metallurgy and New Materials Researches (Journal), vol XVI, nr.2, pp. 31-43, ISSN 1221-5503G., Predeanu, S. Lambescu, V. Slăvescu, D. Mihaiescu, I. Călinescu, P. Chipurici, P. Avram, C. Panaitecu, I. Vacarciuc and A . Pătruț, „Modern approach of the wastes recycling for the production and use of high grade carbon adsorbent”, Vol.III, Nicolae Vasiliu, Lanyi Szabolcs (Eds.) Technical Publishing, Braşov, 2008, p. 236.1-236.6, ISSN 1844-7090G. Predeanu, S. Lambescu, V. Slăvescu, D. Mihaiescu, E. Ciovică, I. Călinescu, P. Chipurici, A. Gavrilă, A. Trifan, „Innovative ecomaterials and technology for wastewaters purification”, 2008, Abstracts book, 1-7. Editor Marc Morell, ISBN 978-608-4510-00-0Mihaiescu, D., C., Predeanu, G., Panaitecu, C., Characterization of blast furnace wastes dust, UPB Scientific Bulletin, Series B, vol. 76, Iss. 1, 2014 (B+)Predeanu, G., Mihaiescu, D., C., Panaitecu, C., Study on morphology, structure and composition of some technological wastes released from blast furnace operation, JOURNAL OF CHEMISTRY, vol. 66, n^o. 4, 2015 (isi)Mihaiescu, D., C., Panaitecu, C., Predeanu, G., Petrographic assessing of combustion waste products quality resulting from Berbeşti lignite burning in Govora power plant, JOURNAL OF CHEMISTRY, vol. 66, n^o. 6, 2015 (isi)Vatui et al, Synthesis and Characterization of Composite Membranes Based on Carbon Functionalized with Gold Nanoparticles, Materiale Plastice, vol.56, n^o2, 2019 (isi) <ol style="list-style-type: none">Participare cu poster (co-autor)-„Evaluation of some blast furnace solid wastes composition by optical microscopy”, “63rd Annual Meeting of the International Committee for Coal and Organic Petrology”, 10-16 septembrie, 2011, Porto, PortugaliaParticipare cu poster (co-autor) - „Arsenic removal by tailored carbon-iron/oxide micro- and nanoparticles”, A 9-a ediție a Seminarului Național de nanoștiință și nanotehnologie, Aplicații în alte domenii (31)- Academia Romana, 16 martie, 2010, Bucuresti, Romania, http://www.romnet.net/ro/seminar16martie2010/program_lucrari_poster.htmParticipare cu poster (co-autor) - Intensifying the recovery of useful elements (Si, Mg, Fe) from serpentinite waste by the use of synergic influence of microwave irradiation fields and advanced material grinding effects”, Cea de-a 19-a Conferinta internationala romana de chimie si inginerie chimica, RICCCE 19, 2-5 septembrie, 2015, Sibiu, RomaniaParticipare la Conferinta internationala cu comitet program-“Investigation of rare Earth metals leaching process for Neodymium recovery from scrap Nd-Fe-B Magnets”- Priochem ediția a 11-a a Simpozionului internațional „Priorități ale chimiei pentru o dezvoltare durabilă”, Bucuresti, Romania, 29-30 Oct. 2015, ISBN-2345-3645Participare la Conferinta internationala cu comitet program-“Influence of the electromagnetic irradiation pre-treatment on the separation process in wet medium of the mesoporous silica with low iron content from serpentinite minerals”- 11th Edition of International Symposium "Priorities of Chemistry for a Sustainable Development", Priochem, Bucuresti, Romania, 29-30 Oct. 2015, - ISBN-2345-3645Participare cu poster (prim autor)-Eco-efficient and sustainable revitalization of land contaminated with heavy metals. Characterization of natural zeolites before and after the sorption process of Cu and Pb – Priochem ediția a 13-a -Priorități ale Chimiei pentru Dezvoltare Durabilă, secțiunea Ingineria Mediului și Protecția Patrimoniului Cultural, Bucuresti, Romania, 25-27oct.2017Participare cu prezentare orala (prim autor)-“New technological concept for the eco-efficient and sustainable revitalization of industrial land abandoned by immobilization of compounds containing toxic metals”, Supermat Workshop, Bucuresti, Romania, 20-22 nov.2017Participare cu poster (co-autor)-“Advanced wastewater treatment using nanomagnetites to remove heavy metals ions” – Simpozionul Stiintific National cu participare internationala “Mircea Savul”, oct. 2018, Iasi, RomaniaParticipare cu poster (prim autor)-Microscopic investigations of the flotation tailings from Baia Mare Central Pond for highlighting the sulphides, Mihaiescu Daniel-Cristian, Vatui Alexandra-Georgiana,Valsan Sorina-Nicoleta, Stoiciu Florentin, Ghita Andreea Nicoleta, Burada Marian, Ghita Mihai - A 3-a ediție a Conferinței Societății de Microscopie Electronică din România, CREMS 2019, 23-25 oct. 2019, Poiana Brasov, Romania Brevet de inventie <ul style="list-style-type: none">Proces de purificare a aerului si apelor uzate cu incarcatura chimica organica folosind mangal obtinut din materiale reciclabile, Brevet NR. 125293, OSIM, 2008 : RO125293-A2, 2013 Proiecte nationale/internationale - coordonate <ul style="list-style-type: none">PN 16 20 01 03; 12 N/10.03.2016, Fond Nucleu; <i>New Technological Concept for Efficient and Sustainable Revitalization of abandoned industrial land by immobilizing compounds containing toxic metals</i> Proiecte nationale/internationale – participare echipa de lucru <ul style="list-style-type: none">Contract cercetare: Cofund-Eranet-Eramin-Minteco 51/2018; Eco-integrated technology for selective recovery of basic and precious metals from Cu and Pb mining wasteContract cercetare: 16/2016 ERAMIN Program 2016 – 2019 (UEFISCDI) -<i>Recognition of microbial functional communities and assessment of the mineralizing potential (bioleaching) for high-tech critical metals;</i>Contract cercetare: 23N/2018, PN 18 07 03 01- Innovative technological solutions for functionalization of carbon based materials with low impact on the environmentContract cercetare: 7-074/2013/1.06.2013, FP7 ERANET MANUNET/ 2013-2015 (UEFISCDI)-<i>New approached for SiC and Si3N4 obtaining via polymer nanocomposites and their use for structural ceramics</i> - NASIPONAC;Contract cercetare: 78/01.07.2014 PNII-PCCA Tip2 2014-2016 (Univ.Buc./UEFISCDI) - <i>Wastewater treatment through flocculation-oxidation processes mediated by flocculants and catalysts derived from red mud – WATOPREM;</i>Contract cercetare: CEEX no. 236/2006; „Inovative technologies for the obtaining and use of multipurpose carbonaceous materials (MCM) by waste recycling for environmental protection applications” 2006-2009 Indice Hirsch ≈ 8 citari