

CURRICULUM VITAE



Personal informations	Name, Age	Mihaiescu Daniel-Cristian , 36 years
	Phone, E-mail	+40 751283316 danielcristian2000@yahoo.com
Professional experience	Period	From April 2014 – Present
	Position held	Scientific Researcher
	Main activities/Domain	Research and development activity in the Eco-technologies and Environment Protection Laboratory / Applied Research
	Name and address of employer	INCDMMNR-IMNR, 102 Biruintei Blvd, Pantelimon, ILFOV
	Period	From April 2007 – To May 2010
	Position held	Specialist engineer
	Main activities/Domain	Team member of CEEX no. 236/2006 Research project development; Research areas – obtaining and characterisation of multifunctional materials (MCM - carbon, composites, advanced materials)
	Name and address of employer	Metallurgical Research Institute (ICEM SA), 39 Mehadia Street, Bucharest
Education	Period	September 2009 – March 2015
	Qualification / Diploma	<ul style="list-style-type: none">PhD in Chemical Engineering Field; Thesis title: Characterization of complex industrial waste materials, metallurgy and processing sectors of coal energy in order to reduce environmental pollution, with expertise in identifying and complex characterizing of these materials through optical microscopyGraduate – Diploma of „ICCP Training Course on Dispersed Organic Matter. Organic petrology”; Porto, 2011
	Acquired competences	Petrographic determinations - structural composition, physico-chemical characterization of MCM, coal, powdery materials and waste
	Name and type of educational institution	POLITEHNICA University from Bucharest, Faculty of Applied Chemistry and Materials Science, 1-7 Polizu Street
More information		Publications <ol style="list-style-type: none">Predeanu, G., Lambescu, S., Slăvescu, V., Mihăiescu, D., Călinescu, I., Chipurici, P., Panaitescu 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., Panaitescu, C., Mihăiescu, 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. Mihăiescu, I. Călinescu, P. Chipurici, P. Avram, C. Panaitescu, 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. Mihăiescu, 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., Panaitescu, C., Characterization of blast furnace wastes dust, UPB Scientific Bulletin, Series B, vol. 76, Iss. 1, 2014 (B+)Predeanu, G., Mihaiescu, D., C., Panaitescu, C., Study on morphology, structure and composition of some technological wastes released from blast furnace operation, JOURNAL OF CHEMISTRY, vol. 66, n°. 4, 2015 (isi)Mihaiescu, D., C., Panaitescu, 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°. 6, 2015 (isi) Conferences, Workshops, Seminars <ol style="list-style-type: none">Participation with poster (co-author) - „Evaluation of some blast furnace solid wastes composition by optical microscopy”, 63rd Annual Meeting of the International Committee for Coal and Organic Petrology”, September 10-16, 2011, Porto, PortugalParticipation with poster (co-author) - „Arsenic removal by tailored carbon-iron/oxide micro- and nanoparticles”, The 9th edition of the National Seminar of nanoscience and nanotechnology, Applications in other fields (31) – Romanian Academy, march 16, 2010, Bucharest, Romania, http://www.romnet.net/ro/seminar16martie2010/proqram_lucrari_poster.htmParticipation with poster (co-author) - 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” la “19th Romanian International Conference on Chemistry and Chemical Engineering”- RICCCE 19, September 2-5, 2015, Sibiu, RomaniaParticipation in the International Conference program committee, "Investigation of rare Earth metals leaching process for Neodymium recovery from scrap Nd-Fe-B Magnets"- 11th Edition of International Symposium "Priorities of Chemistry for a Sustainable Development" PRIOCHEM, Bucharest, ROMANIA, 29-30 Oct. 2015, ISBN-2345-3645;Participation in the International Conference program committee, "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, Bucharest, ROMANIA, 29-30 Oct. 2015, - ISBN-2345-3645; Invention patent <p>"A process for purifying air and wastewater with organic chemical loads using charcoal made from recyclable material", Romanian Patent N° 125293, OSIM, 2008 : RO125293-A2, 2013</p> National/International projects-coordinated <ul style="list-style-type: none">PN-III-P2-2.1-PED-2016-1530 (in evaluation) International projects- participant <ul style="list-style-type: none">Contract research: 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 research: 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; National Projects – participant <ul style="list-style-type: none">Contract research: 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 research: CEEX no. 236/2006