



Europass Curriculum Vitae

Personal information



First name(s) / Surname(s) **Carmen CIOTONEA**
Address Aleea Virgil Carianopol, 235200 Caracal (Romania)
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E-mail(s) carmen.ciotonea@yahoo.ro; cciotonea@ch.tuiasi.ro
Nationality Romanian
Date of birth 04/12/1986
Gender Female

Desired employment / Occupational field

Research assistant, Organic, Biochemical and Food Engineering Department, Faculty of Chemical Engineering and Environment Protection, Technical University "Gheorghe Asachi" , Iasi

Education and training

Dates	01/10/2011 → Present
Title of qualification awarded	Phd Student
Principal subjects / occupational skills covered	Chemical engineering field, Heterogeneous catalysis, Skills in analysis: BET, TEM, SEM, DR UV-Vis, BET, TPR, TPD
Name and type of organisation providing education and training	Technical University „Gheorghe Asachi” (Faculty of Engineering Chemistry and Environment Protection) 73A no, Dr. Docent Dimitrie Mangeron Boulevard, 700050 Iasi (Romania)
Level in national or international classification	ISCED 6
Dates	01/12/2009 - 21/06/2011
Name and type of organisation providing education and training	Technical University “Gheorghe Asachi”, (Faculty of Chemical Engineering and Environmental Protection) 73A no, Dr.Docent Dimitrie Mangeron Boulevard, 700050 Iasi (Romania)
Level in national or international classification	ISCED 5
Dates	01/10/2006 - 19/06/2009
Title of qualification awarded	Licence diploma
Principal subjects / occupational skills covered	Organic chemistry (Mixed-function organic compounds), Qualitative and quantitative analytical chemistry, Instrumental analysis, Structure and characterization of organic compounds, Inorganic stereochemistry, Chemical kinetics, Structure of the molecule, Chemical Thermodynamics, Chemical and electrochemical sensors, Separation methods,
Name and type of organisation providing education and training	Univesity of Craiova (Chemical Faculty, “I.G.Murgulescu”) 107 I no., Calea Bucuresti Street, Craiova (Romania)
Level in national or international classification	
Dates	15/08/2002 - 21/06/2006
Title of qualification awarded	high school diploma

Principal subjects / occupational skills covered Mathematics, IT (intensive)

Name and type of organisation providing education and training National College „Ionita Asan"
39 nr, Nicolae Titulescu boulevard, Caracal (Romania)

Level in national or international classification ISCED 4

Dates 01/02/2012 - 01/08/2012

Title of qualification awarded Phd Student-Erasmus Placement Stage- Poitiers (France)

Principal subjects / occupational skills covered Chemical engineering field, Heterogeneous catalysis, Metals
Skills in analysis: BET, TEM, SEM, DR UV-Vis, BET, TPR, TPD, TG

Name and type of organisation providing education and training Institut de Chimie des Milieux et Matériaux de Poitiers (IC2MP), UMR 7285 CNRS - Université de Poitiers, 4, rue Michel Brunet (Bât B27), 86022 Poitiers cedex, Franta

Level in national or international classification ISCED 6

Dates 10/02/2008 – 22/07/2008

Title of qualification awarded Erasmus Study Placement- Lille (France)

Principal subjects / occupational skills covered Mineral Chemistry, Organic Chemistry, Electrochemistry
Skills in analysis: GC, TG, DRX, FTIR, RMN 1H, RMN 13C and Raman

Name and type of organisation providing education and training Ecole Nationale Supérieure de Chimie Lille, Avenue Dimitri Mendeleïev, 59652, Villeneuve d'Ascq Cedex, Franta

Level in national or international classification ISCED 5

Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s)

Self-assessment	Understanding				Speaking				Writing	
	Listening		Reading		Spoken interaction		Spoken production			
<i>European level (*)</i>										
French	c	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user
English	B2	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user

(*) [Common European Framework of Reference \(CEF\) level](#)

Competences acquired during the thesis / other contributions;

- 1 article submitted

Adrian Ungureanu, Brindusa Dragoi, Alexandru Chirieac, **Carmen Ciotonea**, Sébastien Royer, Daniel Duprez, Anne Sophie Mamede, Emil Dumitriu, *Composition-Dependent Morpho-structural Properties of Bimetallic Ni-Cu Oxide Nanoparticles Confined within the Channels of Ordered Mesoporous SBA-15 Silica*. ACS Applied Materials & Interfaces Manuscript ID: am-2012-02733m

Co-author of many papers presented, accepted or submitted to international scientific conferences:

1. **Carmen Ciotonea**, Niculina Ciulei, Lect. Paul Chirita, *FeS dissolution in the presence of acidic solutions of Fe (III)*, may 2007
2. **Carmen Ciotonea**, Lect. Nicoleta Cioatera, *Synthesis and characterization of new solid oxides with application in Solid Oxide Fuel Cells SOFC*, may 2009
3. Brindusa Dragoi, Adrian Ungureanu, Alexandru Chiriac, **Carmen Ciotonea**, Sebastien Royer, Daniel Duprez, Emil Dumitriu, *Highly Dispersed CuCo (Bi)metallic Catalysts Prepared by Deposition-Precipitation on Mesoporous SBA-15 Support for the Cinnamaldehyde Hydrogenation*, 4th EuCheMS Chemistry Congress, 26-30 August 2012, Prague, Czech Republic.
4. Emil Dumitriu, Brindusa Dragoi, Adrian Ungureanu, Alexandru Chiriac, **Carmen Ciotonea**, Sebastien Royer, Daniel Duprez, *Mild drying impregnation method used for the preparation of mesostructured catalytic materials containing Cu, Ni and Co as active phase in hydrogenation of cinnamaldehyde*, 4th EuCheMS Chemistry Congress, 26-30 August 2012, Prague, Czech Republic.
5. Brindusa Dragoi, **Carmen Ciotonea**, Alexandru Chiriac, Adrian Ungureanu, Sébastien Royer, Daniel Duprez, Emil Dumitriu, *Controlling the dispersion of monometallic nanoparticles prepared by water-hexane impregnation on the mesoporous SBA-15 silica*, 4th EuCheMS Chemistry Congress, 26-30 August 2012, Czech Republic.
6. Brindusa Dragoi, Adrian Ungureanu, **Carmen Ciotonea**, Sébastien Royer, Daniel Duprez, Emil Dumitriu, *Partially hydrophobized mesoporous SBA-15 silica as suitable support for CuCo co-precipitated bimetallic nanoparticles for the hydrogenation of a,b-unsaturated aldehydes*, acceptat la Simpozionul "Catalysis: From the Active Site to the Process", 8-9 octomber 2012, Lisabona, Portugal.
7. Adrian Ungureanu, Brindusa Dragoi, Alexandru Chiriac, **Carmen Ciotonea**, Sébastien Royer, Daniel Duprez, Emil Dumitriu, *SBA-15 supported cobalt nanoparticles as new chemoselective catalysts for the hydrogenation of cinnamaldehyde*, acceptat la Simpozionul "Catalysis: From the Active Site to the Process", 8-9 octomber 2012, Lisabona, Portugal.
8. Chiriac Alexandru, Dragoi Brindusa, Ungureanu Adrian, **Carmen Ciotonea**, Sebastien Royer, Daniel Duprez, Dumitriu Emil, *Mono-metallic Cu catalysts prepared by mild drying impregnation (MDI), two-solvent (TS) and deposition-precipitation (DP) methods on mesoporous SBA-15 support for the cinnamaldehyde hydrogenation*, acceptat la "International Conference: Centenary of Education in Chemical Engineering", 28-30 noiember 2012, Iasi, Romania.
9. B. Dragoi, A. Ungureanu, A. Chiriac, **C. Ciotonea**, S. Royer, D. Duprez, E. Dumitriu, *Hydrogenation of cinnamaldehyde over Co/SBA-15 catalysts prepared by different methods*, trimis la "Third International Conference on Multifunctional, Hybrid and Nanomaterials", 3-7 march 2013, Sorrento, Italy.
10. E. Dumitriu, A. Ungureanu, B. Dragoi, **C. Ciotonea**, C. Rudolf, A. Chiriac, S. Royer, D. Duprez, *The synergistic effects in the bimetallic Ni-Cu nanoparticles supported on SBA-15*, trimis la "Third International Conference on Multifunctional, Hybrid and Nanomaterials", 3-7 march 2013, Sorrento, Italy.
11. A. Ungureanu, B. Dragoi, A. Chiriac, **C. Ciotonea**, C. Rudolf, S. Royer, D. Duprez, E. Dumitriu, *Copper nanoparticles supported on ordered mesoporous SBA-15 silica as effective catalysts for the selective hydrogenation of cinnamaldehyde*, trimis la "Third International Conference on Multifunctional, Hybrid and Nanomaterials", 3-7 march 2013, Sorrento, Italy.