



Curriculum vitae Europass



Informații personale

Nume / Prenume **SIMIONESCU Nicoleta-Lucica**
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Naționalitate Română
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Educație și formare

Perioada **01.10.2016-prezent**
Numele și tipul instituției de învățământ / furnizorului de formare **Doctorand. Domeniul: Ingineria Materialelor**
Universitatea “Dunarea de Jos” din Galati – Facultatea de Inginerie
Titlul tezei de doctorat **“Obținerea și caracterizarea în sistem tribocoroziv a straturilor nanostructurate în matrice de cobalt cu fază dispersă de particule bioceramice de CeO₂”**
Nivelul în clasificarea națională sau internațională Universitate Cercetare.

Perioada **Octombrie 2014 - Iulie 2016**
Calificarea / diploma obținută Diploma de Master la programul de master „Calitatea Mediului si Dezvoltare Durabila”
Disciplinele principale studiate / competențe profesionale dobândite

- Managementul apelor
- Dezvoltare durabila
- Monitorizarea si gestionarea deseurilor
- Managementul calitatii

Numele și tipul instituției de învățământ / furnizorului de formare Universitatea “Dunarea de Jos” din Galati – Facultatea de Inginerie
Nivelul în clasificarea națională sau internațională Universitate. Inginerie. Ingineria mediului.

Perioada **Octombrie 2010 – Iulie 2014**

Calificarea / diploma obținută	Diploma de Inginer la programul de studii: Ingineria si Protectia Mediului in Industrie.
Disciplinele principale studiate / competențe profesionale dobândite	<ul style="list-style-type: none"> - Fizica atmosferei - Calitatea mediului - Chimia mediului - Tehnologii de prelucrare si valorificare a deeurilor metalice si nemetalice - Agregate si instalatii termice - Tehnologia materialelor - Autocad - Legislatia protectiei mediului - Tehnologii de tratare si epurare a apelor uzate - Hidrologie - Managementul mediului
Numele și tipul instituției de învățământ / furnizorului de formare	Universitatea “Dunarea de Jos” din Galati – Facultatea de Inginerie
Nivelul în clasificarea națională sau internațională	Universitate. Inginerie. Ingineria mediului.
Perioada	
	Septembrie 2006 – Iulie 2010
Calificarea / diploma obținută	Certificat de absolvire a liceului, Specializarea „Tehnician designer vestimentar
Disciplinele principale studiate / competențe profesionale dobândite	<ul style="list-style-type: none"> - Creatia si alegerea produsului - Alegerea materialelor pentru realizarea produsului - Elaborarea constitutiei tiparelor pentru modelul ales - Pregatirea si croirea materialelor - Confectionarea produselor
Numele și tipul instituției de învățământ / furnizorului de formare	Grupul Scolar Industrial Tecuci
Nivelul în clasificarea națională sau internațională	Liceu
Perioada	
	Septembrie 1998 – Iulie 2006
Calificarea / diploma obținută	Certificat de promovare a testelor nationale
Disciplinele principale studiate / competențe profesionale dobândite	<ul style="list-style-type: none"> - Limba romana - Matematica - Istorie. - Educatie fizica
Numele și tipul instituției de învățământ / furnizorului de formare	Liceul Sportiv „Nadia Comaneci” Onesti (1998-2000) si Scoala Gimnaziala Cosmesti-Vale, jud.Galati (2000-2006)

Aptitudini și	competențe personale									
Limba(i) maternă(e)	Română									
Limba(i) străină(e)	cunoscută(e)									
Autoevaluare										
Nivel european (*)										
Limba	Înțelegere		Vorbire				Sciere			
	Ascultare		Citire		Participare la conv.		Discurs oral		Exprimare scrisă	
	B2	Engleză	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user

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

Competențe și abilități sociale

- Bune competențe de comunicare dobândite prin experiența proprie în diferite domenii de activitate (locul de muncă, internship, sesiuni științifice în cadrul facultății, conferințe științifice naționale și internaționale).
- Spirit de echipă, dobândit ca urmare a lucrului în echipa pe, perioada facultatii la diverse proiecte.
- Ambitie, punctualitate, tenacitate, optimism, entuziasm, dinamism și pasiunea pentru reusita.
- Spirit analitic și obiectiv, dobândit de-a lungul anilor de studiu parcurși.

Competențe și aptitudini de utilizare a calculatorului

- O buna cunoastere a operarii pe calculator: MS Office (Excel, Word, Power Point, Internet);
- Adaptare rapida la modul de utilizare al oricarui program
- Competenta în întocmirea / prezentarea de informații / date / rezultate cu ajutorul prezentărilor Power Point.

Publicații Prezentări Conferințe

1. Publicații în jurnale cotate ISI (Clarivate Analytics) - 3

1) Lidia Benea, Nicoleta Simionescu, Jean Pierre Celis, **Electro-codeposition of CeO₂ nanoparticles into cobalt matrix to improve the tribocorrosion performances of Co/nano CeO₂ composite layers in biological solution for medical applications**, *Journal of the Mechanical Behavior of Biomedical Materials*, Volume 101, January 2020, 103443. <https://doi.org/10.1016/j.jmbbm.2019.103443>. Impact Factor = 3.485, **Q1**
Accession Number: WOS:000502881800029

2) Simionescu Nicoleta, Ravoiu Anca, Lidia Benea, **Electrochemical in vitro Properties of 316L Stainless Steel for Orthodontic Applications**, *Revista de Chimie*, 2019, Vol. 70, Issue 4, p. 1144-1148. Impact Factor = 1.605, **Q3**, <https://doi.org/10.37358/RC.19.4.7081>
Accession Number: WOS:000469387200008

3) Lidia Benea, Laurentiu Mardare, Nicoleta Simionescu, **Anticorrosion performances of modified polymeric coatings on E32 naval steel in sea water**, *Progress in Organic Coatings*, **2018**, vol 123, p. 120-127. Impact Factor = 3.420, **Q1**, <https://doi.org/10.1016/j.porgcoat.2018.06.020>
Accession Number: WOS:000444357000013

2. Publicatii în ISI Proceeding Volume - 6

1) N Simionescu, L Benea, J P Celis, **Wear-Corrosion Response of Cerium Oxide Reinforced Cobalt Hybrid Composite Layers in Biological Solution**, IOP Conf. Ser.: Mater. Sci. Eng. 572 (2019) 012003. <https://iopscience.iop.org/article/10.1088/1757-899X/572/1/012003/pdf>
DOI:10.1088/1757-899X/572/1/012003.

2) L Benea, N Simionescu, **Corrosion Behavior of Ni/WC Nano-Structured Composite Layers Synthesized by Electrochemical Method**, IOP Conf. Ser.: Mater. Sci. Eng. 572 (2019) 012004, <https://iopscience.iop.org/article/10.1088/1757-899X/572/1/012004/pdf>
DOI: 10.1088/1757-899X/572/1/012004

3) L Dragus, L Benea, N Simionescu, A Ravoiu, V Neaga, **Effect of the Inflammatory Conditions and Albumin Presence on the Corrosion Behavior of Grade 5 Titanium Alloy in Saliva Biological Solution**, IOP Conf. Ser.: Mater. Sci. Eng. 572 (2019) 012005. <https://iopscience.iop.org/article/10.1088/1757-899X/572/1/012005/pdf>
DOI: 10.1088/1757-899X/572/1/012005.

4) Anca Ravoiu, **Nicoleta Simionescu**, Lidia Benea, **Influence of different concentration of hydrogen peroxide on the corrosion behavior of Ti-6Al-4V alloy immersed in physiological solution**, IOP Conf. Ser.: Mater. Sci. Eng. 572 (2019) 012006.
<https://iopscience.iop.org/article/10.1088/1757-899X/572/1/012006/pdf>
DOI: 10.1088/1757-899X/572/1/012006.

5) **N Simionescu**, L Benea and V M Dumitrascu, **The Synergistic Effect of Proteins and Reactive Oxygen Species on Electrochemical Behaviour of 316L Stainless Steel for Biomedical Applications**. IOP Conf. Series: Materials Science and Engineering 374 (2018) 012058. <https://iopscience.iop.org/article/10.1088/1757-899X/374/1/012058/pdf>
Accession Number: WOS:000446775900058
doi:10.1088/1757-899X/374/1/012058

6) V M Dumitrascu, L Benea and **N L Simionescu**, **Evaluation of Sealing Process on the Surface Properties of Nanoporous Aluminum Oxide Layers Electrochemically Growth on 1050 Aluminum Alloy Surface**. IOP Conf. Series: Materials Science and Engineering 374 (2018) 012013. <https://iopscience.iop.org/article/10.1088/1757-899X/374/1/012013/pdf>
Accession Number: WOS:000446775900013
doi:10.1088/1757-899X/374/1/012013.

3. Publicatii în jurnale indexate în baze de date internaționale – 5

1) Lidia Benea, **Nicoleta Simionescu**, **Effect of Biological Solution and pH on Corrosion Resistance of 304L SS for Dental Brackets**, *Revista de Chimie*, 2020, Vol. 71, Issue 4, p. 180-187. <https://doi.org/10.37358/RC.20.4.8056>.

2) L Benea , **N Simionescu**, **Evaluation of corrosion resistance of implant-use Ti6Al4V alloy in Hank biological solution in the presence of microorganism's metabolic product Lactic Acid**, *The Annals of "Dunarea de Jos" University of Galati Fascicle IX. Metallurgy and Materials Science*, No. 1 - 2020, ISSN 2668-4748; e-ISSN 2668-4756, Pages 31-38. <https://doi.org/10.35219/mms.2020.1.04>.

3) **Nicoleta Simionescu**, Lidia Benea, Anca Ravoiu, **Effect of hydrogen peroxide addition to phosphate buffered saline solutions on corrosion resistance of 316l stainless steel**, *Proceeding Volume of 18th International Multidisciplinary Scientific GeoConference SGEM 2018*, Volume:18, Book number: 6.1, Pages:169-176, ISSN: 1314-2704, 24. Section Micro and Nano Technologies, 30 June - 9 July, 2018, Albena, Bulgaria.
Doi: 10.5593/sgem2018/6.1.

4) Valentin Marian Dumitrascu, Lidia Benea, **Nicoleta Lucica Simionescu**, **Surfaces morphology, roughness and wetting properties of nanoporous aluminum oxide film formed on 1050 aluminum alloy by controlled electrochemical oxidation**, *Proceeding Volume of 18th International Multidisciplinary Scientific GeoConference SGEM 2018*, Volume:18, Book number: 6.1, Pages:473-480, ISSN: 1314-2704, 24. Section Micro and Nano Technologies, 30 June - 9 July, 2018, Albena, Bulgaria.
Doi: 10.5593/sgem2018/6.1.

5) **Nicoleta Lucica Simionescu**, Lidia Benea; **The corrosion behavior of 316l stainless steel in different simulated body fluids solutions**, *Proceeding Volume of 17th International Multidisciplinary Scientific GeoConference SGEM 2017*, Volume:17, Book number: 61, Pages: 353-360, ISSN: 1314-2704, 24. Section Micro and Nano Technologies, 29 June - 5 July, 2017, Albena, Bulgaria.
<https://doi.org/10.5593/sgem2017/61>

4 Lucrări și postere prezentate la congrese internaționale, workshop-uri și seminarii - 16

1) **N Simionescu**, L Benea, A Chiriac, **The Effect of H₂O₂ and Lactic Acid addition in Biological**

- Saliva on the Corrosion Behaviour of 304L Stainless Steel, *Poster presentation*. International Conference on Innovative Research, Iasi, 21th – 22th of May 2020.
http://www.euroinvent.org/conference/doc/Program_ICIR_2020.pdf
- 2) **N Simionescu**, L Benea, J P Celis, **Wear-Corrosion Response of Cerium Oxide Reinforced Cobalt Hybrid Composite Layers in Biological Solution**, *Oral presentation*. International Conference on Innovative Research, Iasi, 16th – 17th of May 2019.
http://www.euroinvent.org/conference/doc/Program_ICIR2019.pdf
- 3) **Nicoleta Simionescu**, Lidia Benea, Anca Ravoii, **The influence of dispersed CeO₂ nanoparticles on the electro-crystallization mechanism of cobalt**, *Oral presentation*. The Vth international conference "New trends in environmental and materials engineering" (TEME 2019), 23-25 October 2019, Galați, Romania.
www.teme.ugal.ro
http://www.teme.ugal.ro/Program_COMPLET_TEME_2019.pdf
- 4) Anca Ravoii, Lidia Benea, **Nicoleta Lucica Simionescu**, Alexandru Chiriac, **Influence of inflammatory conditions on the corrosion behavior of titanium alloy in buffered biological solution**, *Oral presentation*. The Vth international conference "New trends in environmental and materials engineering" (TEME 2019), 23-25 October 2019, Galați, Romania.
www.teme.ugal.ro
http://www.teme.ugal.ro/Program_COMPLET_TEME_2019.pdf
- 5) L Benea , **N Simionescu**, **Corrosion Behavior of Ni/WC Nano-Structured Composite Layers Synthesized by Electrochemical Method**, *Oral presentation*. International Conference on Innovative Research, Iasi, 16th – 17th of May 2019. Această lucrare a primit premiul BEST ORAL PRESENTATION.
http://www.euroinvent.org/conference/doc/Program_ICIR2019.pdf
- 6) L Dragus, L Benea, **N Simionescu**, A Ravoii, V Neaga, **Effect of the Inflammatory Conditions and Albumin Presence on the Corrosion Behavior of Grade 5 Titanium Alloy in Saliva Biological Solution**, *Oral presentation*. International Conference on Innovative Research, Iasi, 16th – 17th of May 2019
http://www.euroinvent.org/conference/doc/Program_ICIR2019.pdf
- 7) Anca Ravoii, **Nicoleta Simionescu**, Lidia Benea, **Influence of different concentration of hydrogen peroxide on the corrosion behavior of Ti-6Al-4V alloy immersed in physiological solution**, *Oral presentation*. International Conference on Innovative Research, Iasi, 16th – 17th of May 2019
http://www.euroinvent.org/conference/doc/Program_ICIR2019.pdf
- 8) **Nicoleta Simionescu**, Lidia Benea, Anca Ravoii, **Effect of hydrogen peroxide addition to phosphate buffered saline solutions on corrosion resistance of 316l stainless steel**, *Oral presentation*. 18th International Multidisciplinary Scientific GeoConference SGEM 2018, 24. Section Micro and Nano Technologies, 30 June - 9 July, 2018, Albena, Bulgaria.
www.sgem.org
<http://www.sgem.org/index.php/sgem-deadline/sgem-programme2018>.
- 9) Valentin Marian Dumitrascu, Lidia Benea, **Nicoleta Lucica Simionescu**, **Surfaces morphology, roughness and wetting properties of nanoporous aluminum oxide film formed on 1050 aluminum alloy by controlled electrochemical oxidation**. *Oral presentation*. 18th International Multidisciplinary Scientific GeoConference SGEM 2018, 24. Section Micro and Nano Technologies, 30 June - 9 July, 2018, Albena, Bulgaria, www.sgem.org
<http://www.sgem.org/index.php/sgem-deadline/sgem-programme2018>.
- 10) **N Simionescu**, L Benea and V M Dumitrascu, **The Synergistic Effect of Proteins and Reactive Oxygen Species on Electrochemical Behaviour of 316L Stainless Steel for**

Biomedical Applications. *Poster presentation.* ICIR Euroinvent 2018, International Conference on Innovative Research, Iasi, 17th – 18th of May 2018.
http://www.euroinvent.org/conference/doc/Program_ICIR2018.pdf

11) V M Dumitrascu, L Benea and **N L Simionescu**. **Evaluation of Sealing Process on the Surface Properties of Nanoporous Aluminum Oxide Layers Electrochemically Growth on 1050 Aluminum Alloy Surface.** *Oral presentation.* ICIR Euroinvent 2018, International Conference on Innovative Research, Iasi, 17th – 18th of May 2018.
http://www.euroinvent.org/conference/doc/Program_ICIR2018.pdf

12) **Nicoleta Simionescu**, Lidia Benea, Anca Ravoiu, **The effect of commercial juices on the corrosion resistance of 316L stainless steel used for orthodontic applications.** *Oral presentation.* UgalMat 2018 - Conference on Material Science & Engineering, October 11-13, 2018, Galati, Romania.
www.ugalmat.ugal.ro/
<http://www.ugalmat.ugal.ro/FINAL%20PROGRAMME%20UgalMat2018.pdf>

13) **Nicoleta Simionescu**, Sara Hondrilă, Lidia Benea, **Corrosion - A major problem in the functioning of the installations: Assessment of copper and brass corrosion resistance in water and chloride content solutions.** *Oral presentation.* UgalMat 2018 - Conference on Material science & engineering, October 11-13, 2018, Galati, Romania.
www.ugalmat.ugal.ro/
<http://www.ugalmat.ugal.ro/FINAL%20PROGRAMME%20UgalMat2018.pdf>

14) Lidia Benea, **Nicoleta Simionescu**, Anca Ravoiu, **Corrosion resistance of 304L stainless steel for orthodontic fixed appliances in saliva and different pH solutions from food or drinks.** *Oral presentation.* UgalMat 2018 - Conference on Material Science & Engineering, October 11-13, 2018, Galati, Romania.
www.ugalmat.ugal.ro/
<http://www.ugalmat.ugal.ro/FINAL%20PROGRAMME%20UgalMat2018.pdf>

15) Valentin Dumitrascu, **Nicoleta Simionescu**, Lidia Benea, **Optimizing the electrochemical parameters to obtain a nanoporous aluminum oxide on 1050 aluminum alloy: A SEM-EDX and hydrophobicity study.** *Oral presentation.* UgalMat 2018 - Conference on Material Science & Engineering, October 11-13, 2018, Galati, Romania.
www.ugalmat.ugal.ro/
<http://www.ugalmat.ugal.ro/FINAL%20PROGRAMME%20UgalMat2018.pdf>

16) **Nicoleta Simionescu**, Lidia Benea. **Electrochemical in-vitro properties of 316L stainless steel for orthodontic applications,** *Oral presentation.* The fourth international conference "New trends in environmental and materials engineering" (TEME 2017), 25-27 October 2017, Galați, Romania.
www.teme.ugal.ro
http://www.teme.ugal.ro/Program_TEME_2017.pdf

5 Lucrări și postere prezentate la congrese naționale, workshop-uri și seminarii - 12

1) **Nicoleta Simionescu**, Lidia Benea, **Influence of current density on the electrodeposition of CeO₂ nanoparticle into cobalt matrix on 304L stainless steel substrate.** *Oral presentation.* SCIENTIFIC CONFERENCE OF DOCTORAL SCHOOLS, SCDS-UDJG 2020, The 8th Edition, Perspectives and challenges in doctoral research, GALAȚI, 18th-19th of June 2020. S.6: Future of Eco-nanotechnologies, Functional Materials and Coatings.
<http://www.cssd-udjg.ugal.ro/>
<http://www.cssd-udjg.ugal.ro/index.php/programme-2020>

2) Lidia Benea, **Nicoleta Simionescu**, **The influence of different concentration of Lactic acid added in simulated body fluid solution as a function in time on the corrosion behavior of**

titanium alloy.

Oral presentation. SCIENTIFIC CONFERENCE OF DOCTORAL SCHOOLS, SCDS-UDJG 2020, The 8th Edition, Perspectives and challenges in doctoral research, GALAȚI, 18th-19th of June 2020. S.6: Future of Eco-nanotechnologies, Functional Materials and Coatings.

<http://www.cssd-udjg.ugal.ro/>

<http://www.cssd-udjg.ugal.ro/index.php/programme-2020>

3) **Nicoleta Lucica Simionescu**, Valentin Marian Dumitrascu, Lidia Benea, **Improving corrosion resistance of aluminium alloy by top-down nano-electrochemical film growth.**

Poster presentation. SCIENTIFIC CONFERENCE OF DOCTORAL SCHOOLS, SCDS-UDJG 2020, The 8th Edition, Perspectives and challenges in doctoral research, GALAȚI, 18th-19th of June 2020. S.6: Future of Eco-nanotechnologies, Functional Materials and Coatings.

<http://www.cssd-udjg.ugal.ro/>

<http://www.cssd-udjg.ugal.ro/index.php/programme-2020>

4) **Nicoleta Lucica Simionescu**, Laurentiu Mardare, Lidia Benea, **Modification of surface properties as roughness, microhardness and hydrophobicity of polymeric primer used to protect maritime structures made of E32 steel.**

Poster presentation. SCIENTIFIC CONFERENCE OF DOCTORAL SCHOOLS, SCDS-UDJG 2020, The 8th Edition, Perspectives and challenges in doctoral research, GALAȚI, 18th-19th of June 2020. S.6: Future of Eco-nanotechnologies, Functional Materials and Coatings.

<http://www.cssd-udjg.ugal.ro/>

<http://www.cssd-udjg.ugal.ro/index.php/programme-2020>

5) **Nicoleta Simionescu**, Lidia Benea, **Tribocorrosion behavior of 304L stainless steel in sliding contact immersed in Hank biological solution.**

Oral presentation. SCIENTIFIC CONFERENCE OF DOCTORAL SCHOOLS, SCDS-UDJG 2019, The seventh Edition, Perspectives and challenges in doctoral research, GALAȚI, 13th-14th of June 2019. S.5.1: Emerging nanotechnology and future of advanced materials and coatings.

<http://www.cssd-udjg.ugal.ro/>

http://www.cssd-udjg.ugal.ro/files/2019/Program_detaliat_al_conferintei_nou_2.pdf

6) **Nicoleta Simionescu**, Lidia Benea. **Surface modification of metallic biomaterials to improve the body integration and corrosion resistance in body environment.**

Oral presentation. SCIENTIFIC CONFERENCE OF DOCTORAL SCHOOLS, SCDS-UDJG 2019, The seventh Edition, Perspectives and challenges in doctoral research, GALAȚI, 13th-14th of June 2019. S.5.1: Emerging nanotechnology and future of advanced materials and coatings. Această lucrare a primit premiul I.

<http://www.cssd-udjg.ugal.ro/>

http://www.cssd-udjg.ugal.ro/files/2019/Program_detaliat_al_conferintei_nou_2.pdf

7) Lidia Benea, **Nicoleta Simionescu**, Laurențiu Dragus, Veaceslav Neaga, Anca Ravoiu. **Effect of the presence of hydrogen peroxide reactive oxygen specie on the corrosion behavior of titanium alloy in buffered saline solution.**

Oral presentation. SCIENTIFIC CONFERENCE OF DOCTORAL SCHOOLS, SCDS-UDJG 2019, The seventh Edition, Perspectives and challenges in doctoral research, GALAȚI, 13th-14th of June 2019. S.5.1: Emerging nanotechnology and future of advanced materials and coatings.

<http://www.cssd-udjg.ugal.ro/>

http://www.cssd-udjg.ugal.ro/files/2019/Program_detaliat_al_conferintei_nou_2.pdf

8) **Nicoleta SIMIONESCU**, Lidia Benea, Anca Ravoiu. **Effect of human serum albumin on the corrosion behaviour of 316L stainless steel in phosphate buffered saline solution.**

Oral presentation. SCIENTIFIC CONFERENCE OF DOCTORAL SCHOOLS, SCDS-UDJG 2018, The Sixth Edition, Perspectives and challenges in doctoral research, GALAȚI, 7th-8th of June 2018. S.5.1: Emerging nanotechnology and future of advanced materials and coatings. Această lucrare a primit premiul III.

<http://www.cssd-udjg.ugal.ro/>

http://www.cssd-udjg.ugal.ro/files/2018/05_Program_detaliat_al_conferintei_2018.pdf

9) Lidia Benea, Nicoleta Simionescu, Anca Răvoiu. **Effect of pH and biological solution composition on corrosion resistance of 304L stainless steel for orthodontic fixed appliances.**

Oral presentation. SCIENTIFIC CONFERENCE OF DOCTORAL SCHOOLS, SCDS-UDJG 2018, The Sixth Edition, Perspectives and challenges in doctoral research, GALAȚI, 7th-8th of June 2018. S.5.1: Emerging nanotechnology and future of advanced materials and coatings.

<http://www.cssd-udjg.ugal.ro/>

http://www.cssd-udjg.ugal.ro/files/2018/05_Program_detaliat_al_conferintei_2018.pdf

10) Anca Răvoiu, Lidia Benea, Nicoleta Simionescu, Alexandru Chiriac. **Hydrogen peroxide and its effect on electrochemical behavior of titanium implant alloy.**

Oral presentation. SCIENTIFIC CONFERENCE OF DOCTORAL SCHOOLS, SCDS-UDJG 2018, The Sixth Edition, Perspectives and challenges in doctoral research, GALAȚI, 7th-8th of June 2018. S.5.1: Emerging nanotechnology and future of advanced materials and coatings.

<http://www.cssd-udjg.ugal.ro/>

http://www.cssd-udjg.ugal.ro/files/2018/05_Program_detaliat_al_conferintei_2018.pdf

11) Valentin Marian Dumitrașcu, Lidia Benea, Nicoleta Lucica Simionescu. **Performance evaluation of nanoporous aluminum oxide layers obtained by controlled anodic oxidation process.**

Oral presentation. SCIENTIFIC CONFERENCE OF DOCTORAL SCHOOLS, SCDS-UDJG 2018, The Sixth Edition, Perspectives and challenges in doctoral research, GALAȚI, 7th-8th of June 2018. S.5.1: Emerging nanotechnology and future of advanced materials and coatings.

<http://www.cssd-udjg.ugal.ro/> Această lucrare a primit premiul I.

http://www.cssd-udjg.ugal.ro/files/2018/05_Program_detaliat_al_conferintei_2018.pdf

12) Nicoleta Simionescu, Lidia Benea, **Electrochemical Study of 316L Stainless Steel as an Effective Biomaterial for Orthodontic Applications**, *Oral presentation.* SCIENTIFIC CONFERENCE OF DOCTORAL SCHOOLS, SCDS-UDJG 2017, The fifth Edition, Perspectives and challenges in doctoral research, GALAȚI, 8th-9th of June 2017. S.4: Advanced investigation methods in environment and biohealth. Această lucrare a primit Premiul III.

<http://www.cssd-udjg.ugal.ro/>

http://www.cssd-udjg.ugal.ro/files/2017/Program_detaliat_al_conferintei_2017_FINAL.pdf

AUGUST 2020

Ing. Nicoleta – Lucica SIMIONESCU

