



## Curriculum Vitae Europass



### Personal Information

Surname/ First Name **Simionescu Cristian Silviu**  
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E-mail(s)  
Nationality (s) Romanian  
Date of Birth 28/03/1959  
Gender Male

### Work Experience

|                                      |   |
|--------------------------------------|---|
| Dates                                | 01/10/2016 - present  |
| Occupation or position held          | <b>Professor</b>  |
| Main responsibilities and activities | Lectures, laboratory and project activities for the subjects: Equipment components, Reliability and Maintenance of Construction Machinery, Researching Management. "Dunarea de Jos" University in Galati, Faculty of Engineering and Agronomy from Braila, 29 Calea Calarasilor Street, 810008 Braila (Romania) Didactic and research activity. |
| Name and address of employer         |   |
| Type of activity or work field       |   |
| Dates                                | 15/06/1998 - 01/10/2016   |
| Occupation or position held          | <b>Associate Professor</b>  |
| Main responsibilities and activities | Lectures, laboratory and project activities for the subjects: Equipment components, Reliability and Maintenance of Construction Machinery, Researching Management. "Dunarea de Jos" University in Galati, Faculty of Engineering and Agronomy from Braila, 29 Calea Calarasilor Street, 810008 Braila (Romania) Didactic and research activity. |
| Name and address of employer         |   |
| Type of activity or work field       |   |
| Dates                                | 17/03/2020 – 19.11.2023   |
| Occupation or position held          | <b>Head of Department</b>   |
| Main responsibilities and activities | Managing and representing the Department of Environment, Applied Engineering and Agriculture  |
| Name and address of employer         | "Dunarea de Jos" University from Galati, 47, Domneasca Street, 800008 Galati (Romania).   |
| Type of activity or work field       | Coordination, management and leadership position.   |
| Dates                                | 05/04/2012 – 16/03/2020   |
| Occupation or position held          | <b>Dean</b>   |
| Main responsibilities and activities | Managing and representing the faculty.  |
| Name and address of employer         | "Dunarea de Jos" University from Galati, 47, Domneasca Street, 800008 Galati (Romania).   |
| Type of activity or work field       | Coordination, management and leadership position.   |

|                                      |   |
|--------------------------------------|---|
| Dates                                | 02/2000 - 02/2004   |
| Occupation or position held          | <b>Vice-dean</b>  |
| Main responsibilities and activities | Coordinating and leading the students in their didactic and scientific research activity, extra-curricular activities, coordinating and managing actions and activities related to the visual aids/materials and to the technical and administrative personnel. |
| Name and address of employer         | "Dunarea de Jos" University in Galati, 47, Domneasca Street, 800008 Galati (Romania)  |
| Type of activity or work field       | Coordinating, students leading and supervising, visual aids and the technical and administrative personnel.   |
| Dates                                | 10/08/1992 - 15/06/1998   |
| Occupation or position held          | <b>Lecturer</b>   |
| Main responsibilities and activities | Lectures, laboratory and project activities for the subjects: Machine building, Reliability and Maintenance of Construction Machinery, Tribology.   |
| Name and address of employer         | "Dunarea de Jos" University in Galati, 47, Domneasca Street, 800008 Galati (Romania)  |
| Type of activity or work field       | Didactic and research activity  |
| Dates                                | 01/12/1990 - 10/08/1992   |
| Occupation or position held          | <b>Junior lecturer</b>  |
| Main responsibilities and activities | Laboratory and project activities for the subjects: Machine building, Reliability and Maintenance of Construction equipment, Tribology, Construction and Operation of Devices.  |
| Name and address of employer         | "Dunarea de Jos" University in Galati, 47, Domneasca Street, 800008 Galati (Romania)  |
| Type of activity or work field       | Didactic and research activity  |
| Dates                                | 05/03/1990 - 01/12/1990   |
| Occupation or position held          | Laboratory Chief for research and design of devices and verifiers   |
| Main responsibilities and activities | Coordination of research and design activities for tools, devices and verifiers, testing and experimenting new and upgraded products.   |
| Name and address of employer         | S.C. PROMEX S.A.<br>17 Industriilor Str., 810391 Braila (Romania)   |
| Type of activity or work field       | Coordinating research, designing and experiment activities  |
| Dates                                | 15/09/1986 - 05/03/1990   |
| Occupation or position held          | Design Engineer   |
| Main responsibilities and activities | Research and design of tools, devices and verifiers   |
| Name and address of employer         | S.C. PROMEX S.A.<br>17 Industriilor Str., 810391 Braila (Romania)   |
| Type of activity or work field       | Research and design of tools, devices and verifiers.  |
| Dates                                | 07/10/1984 - 15/09/1986   |
| Occupation or position held          | Intern engineer   |
| Main responsibilities and activities | Research and design of tools, devices and verifiers   |
| Name and address of employer         | S.C. PROMEX S.A.<br>17 Industriilor Str., 810391 Braila (Romania)   |
| Type of activity or work field       | Research and design of tools, devices and verifiers.  |
| Dates                                | 07/08/1984 - 07/10/1984   |
| Occupation or position held          | Intern engineer   |
| Main responsibilities and activities | Designing and coordinating the manufacturing of plastic injection moulds  |
| Name and address of employer         | I.M. Codlea S.A.<br>1 Rampei Str., 505100 Codlea - Brasov (Romania)   |
| Type of activity or work field       | Designing and coordinating the manufacturing of plastic injection moulds.   |

|                                      |   |
|--------------------------------------|---|
| Dates                                | 15/03/2000 - 30/11/2006   |
| Occupation or position held          | General manager   |
| Main responsibilities and activities | Control and coordination of design and execution activities for civil and industrial buildings. |
| Name and address of employer         | S.C. LindRO Construct S.R.L.<br>56 Calea Calarasilor Str., Braila (Romania)                     |
| Type of activity or work field       | Control and coordination of design and execution activities for civil and industrial buildings. |
| Dates                                | 01/03/1999 - 15/03/2000   |
| Occupation or position held          | Technical manager   |
| Main responsibilities and activities | Control and coordination of design and execution activities for civil and industrial buildings  |
| Name and address of employer         | S.C. Pro Design Art S.R.L.<br>15 Calea Calarasilor Str., 810017 Braila (Romania)                |
| Type of activity or work field       | Control and coordination of design and execution activities for civil and industrial buildings  |

## Education

|  |  |
|--|--|
| Dates  | 22/02/2012 - 23/02/2012  |
| Title of qualification awarded                                 | Course in Quality management in the Upper Education  |
| Main studied subjects/occupational skills covered              | Communication for the University Management, Management of Processes and Quality Improvement in Universities, Academic Accreditation and Certification           |
| Name and type of organization providing education and training | University "Alexandru Ioan Cuza"<br>11 Carol I Blv, 700506 Iasi (Romania)  |
| Dates  | 05/06/2005 - 19/11/2005  |
| Title of qualification awarded                                 | Post-graduate Studies in the subject . Production Management - Design and Technologies   |
| Name and type of organization providing education and training | "Dunarea de Jos" University, Galati,<br>47, Domneasca Street, 800008 Galati (Romania)  |
| Level in the national or international classification          | Post-graduate studies  |
| Dates  | 19/04/1999 - 14/05/1999  |
| Title of qualification awarded                                 | Specialization in the design and execution of buildings made from lightweight metallic structures  |
| Main studied subjects/occupational skills covered              | The calculation of thin metallic structures. The design of closing and sealing elements, the calculation of the stresses due to snowfalls, wind and earthquakes. |
| Name and type of organization providing education and training | KONTI STEEL A.B.E.E.<br>Volos (Grecia)   |
| Dates  | 15/12/1990 - 08/02/1998  |
| Title of qualification awarded                                 | Ph. D in Technical Sciences  |
| Main studied subjects/occupational skills covered              | Major "Cutting Tools"  |
| Name and type of organization providing education and training | "Dunarea de Jos" University, Galati,<br>47, Domneasca Street, 800008 Galati (Romania)  |
| Dates  | 05/02/1995 - 10/06/1995  |
| Title of qualification awarded                                 | English Language Certificate in "Business English"   |
| Name and type of organization providing education and training | PHARE - INCAF<br>56 Mercur Str., Braila (Romania)  |
| Level in the national or international classification          | English language certificate   |
| Dates  | 01/10/1979 - 15/07/1984  |

Title of qualification awarded Engineer  
 Name and type of organization "Transilvania" University from Brasov  
 providing education and training 29 Eroilor, 500036 Brasov (Romania)  
 Dates 15/09/1974 - 15/07/1978  
 Name and type of organization "Nicolae Balcescu" Highschool  
 providing education and training A.I.Cuza Blv, Braila (Romania)

## Personal skills and abilities

| Mother Tongue                         | <b>Romanian</b>   |               |                  |                    |                  |                   |                  |         |                  |         |  |           |  |         |  |                    |  |                   |  |  |  |    |                 |    |                 |    |                 |    |                 |    |                 |    |                  |    |                  |    |                  |    |                  |    |                  |
|---------------------------------------|---|---------------|------------------|--------------------|------------------|-------------------|------------------|---------|------------------|---------|--|-----------|--|---------|--|--------------------|--|-------------------|--|--|--|----|-----------------|----|-----------------|----|-----------------|----|-----------------|----|-----------------|----|------------------|----|------------------|----|------------------|----|------------------|----|------------------|
| Other languages                       |   |               |                  |                    |                  |                   |                  |         |                  |         |  |           |  |         |  |                    |  |                   |  |  |  |    |                 |    |                 |    |                 |    |                 |    |                 |    |                  |    |                  |    |                  |    |                  |    |                  |
| Self-assessment                       |   |               |                  |                    |                  |                   |                  |         |                  |         |  |           |  |         |  |                    |  |                   |  |  |  |    |                 |    |                 |    |                 |    |                 |    |                 |    |                  |    |                  |    |                  |    |                  |    |                  |
| European level (*)                    |   |               |                  |                    |                  |                   |                  |         |                  |         |  |           |  |         |  |                    |  |                   |  |  |  |    |                 |    |                 |    |                 |    |                 |    |                 |    |                  |    |                  |    |                  |    |                  |    |                  |
| <b>English</b><br><b>French</b>       |   |               |                  |                    |                  |                   |                  |         |                  |         |  |           |  |         |  |                    |  |                   |  |  |  |    |                 |    |                 |    |                 |    |                 |    |                 |    |                  |    |                  |    |                  |    |                  |    |                  |
|                                       | <table><tr><th colspan="4">Understanding</th><th colspan="4">Speaking</th><th colspan="2">Writing</th></tr><tr><th colspan="2">Listening</th><th colspan="2">Reading</th><th colspan="2">Spoken interaction</th><th colspan="2">Spoken production</th><th colspan="2"></th></tr><tr><td>C1</td><td>Proficient User</td><td>C1</td><td>Proficient User</td><td>C1</td><td>Proficient User</td><td>C1</td><td>Proficient User</td><td>C1</td><td>Proficient User</td></tr><tr><td>B2</td><td>Independent User</td><td>B2</td><td>Independent User</td><td>B2</td><td>Independent User</td><td>B2</td><td>Independent User</td><td>B2</td><td>Independent User</td></tr></table>   | Understanding |                  |                    |                  | Speaking          |                  |         |                  | Writing |  | Listening |  | Reading |  | Spoken interaction |  | Spoken production |  |  |  | C1 | Proficient User | C1 | Proficient User | C1 | Proficient User | C1 | Proficient User | C1 | Proficient User | B2 | Independent User | B2 | Independent User | B2 | Independent User | B2 | Independent User | B2 | Independent User |
| Understanding                         |   |               |                  | Speaking           |                  |                   |                  | Writing |                  |         |  |           |  |         |  |                    |  |                   |  |  |  |    |                 |    |                 |    |                 |    |                 |    |                 |    |                  |    |                  |    |                  |    |                  |    |                  |
| Listening                             |   | Reading       |                  | Spoken interaction |                  | Spoken production |                  |         |                  |         |  |           |  |         |  |                    |  |                   |  |  |  |    |                 |    |                 |    |                 |    |                 |    |                 |    |                  |    |                  |    |                  |    |                  |    |                  |
| C1                                    | Proficient User   | C1            | Proficient User  | C1                 | Proficient User  | C1                | Proficient User  | C1      | Proficient User  |         |  |           |  |         |  |                    |  |                   |  |  |  |    |                 |    |                 |    |                 |    |                 |    |                 |    |                  |    |                  |    |                  |    |                  |    |                  |
| B2                                    | Independent User  | B2            | Independent User | B2                 | Independent User | B2                | Independent User | B2      | Independent User |         |  |           |  |         |  |                    |  |                   |  |  |  |    |                 |    |                 |    |                 |    |                 |    |                 |    |                  |    |                  |    |                  |    |                  |    |                  |
|                                       | (*) Common European Framework of Reference for Languages  |               |                  |                    |                  |                   |                  |         |                  |         |  |           |  |         |  |                    |  |                   |  |  |  |    |                 |    |                 |    |                 |    |                 |    |                 |    |                  |    |                  |    |                  |    |                  |    |                  |
| Social skills and competences         | A good ability to adapt to multicultural environments, communication and negotiation skills Ability to organise and coordinate a wide range   |               |                  |                    |                  |                   |                  |         |                  |         |  |           |  |         |  |                    |  |                   |  |  |  |    |                 |    |                 |    |                 |    |                 |    |                 |    |                  |    |                  |    |                  |    |                  |    |                  |
| Organizational skills and competences | of activities: <ul style="list-style-type: none"><li>- Vice-dean of the Faculty of Engineering from Braila (600 students) between 2000-2004;</li><li>- Dean the Faculty of Engineering from Braila between 2012-2016;</li><li>- Manager of the research department in the MECMET Center - authorised by CNCISIS ( 2000 - 2014);</li><li>- Manager of the research centre "Lunca" - 2014 - present</li><li>- Research contract manager (contract with third parties);</li><li>- Experience in managing a research team;</li><li>- Construction company manager (perioada 2000 - 2006).</li></ul>   |               |                  |                    |                  |                   |                  |         |                  |         |  |           |  |         |  |                    |  |                   |  |  |  |    |                 |    |                 |    |                 |    |                 |    |                 |    |                  |    |                  |    |                  |    |                  |    |                  |
| Technical skills and competences:     | <ul style="list-style-type: none"><li>- Research projects as a manager:<ul style="list-style-type: none"><li>- Research on Charge Lowering of the Energetic Unevenness Edged at the Cutting Worm Equipped with Carbide Replaceable Plates. (1993 - 1996);</li><li>- Study to determine the causes of failures in transmission type Volvo Penta DP - G 1.68: 1 which equips the boats that endowment river patrol Border Police and ways of removing these failures. (2007 - 2008)</li></ul></li><li>- Books scientific papers (representatives):<ul style="list-style-type: none"><li>- C.S. Simionescu - Detachable Small Plates Tools for Toothing High Pitch Gear - LAMBERT ACADEMIC PUBLISHING -Saarbruken 2015, ISBN 978-3-659-43866-0, 83 pag.</li><li>- Stefan Balta, Daniela Laura Buruiana, Cristian Silviu Simionescu, Laurentia Geanina Tiron, Marian Bordei, Bart van der Bruggen -Influence of relative air humidity and casting time on the permeation properties of PSf nanofiltration membranes - Desalination and Water Treatment, 2015 ISSN 1944 - 3994, IF 0,988.</li><li>- C. Simionescu - Tool's Edges Fragmentation at Gear Hobs - a Method to Reduce Cutting Vibrations, 2016, <i>Applied Mechanics and Materials</i>, ISSN 1662-7482, 835, 149-154, DOI:10.4028/www.scientific.net/AMM.835.149</li></ul></li><li>- A very good ability to generate design and manufacturing methodologies (already tested) for any equipment, sub-assembly or component but also for civil and industrial constructions</li></ul> |               |                  |                    |                  |                   |                  |         |                  |         |  |           |  |         |  |                    |  |                   |  |  |  |    |                 |    |                 |    |                 |    |                 |    |                 |    |                  |    |                  |    |                  |    |                  |    |                  |
| Computer skills and competences       | A good command of Windows and Microsoft Office™ (Word™, Excel™ si PowerPoint™).a very good command of graphic applications on computer (Adobe Illustrator™, PhotoShop™).advanced knowledge of programs: Moldflow, Advantedge.   |               |                  |                    |                  |                   |                  |         |                  |         |  |           |  |         |  |                    |  |                   |  |  |  |    |                 |    |                 |    |                 |    |                 |    |                 |    |                  |    |                  |    |                  |    |                  |    |                  |
| Other skills and competences          | Free time hobbies: reading, chess, tennis.  |               |                  |                    |                  |                   |                  |         |                  |         |  |           |  |         |  |                    |  |                   |  |  |  |    |                 |    |                 |    |                 |    |                 |    |                 |    |                  |    |                  |    |                  |    |                  |    |                  |
| Driving licence                       | B Category  |               |                  |                    |                  |                   |                  |         |                  |         |  |           |  |         |  |                    |  |                   |  |  |  |    |                 |    |                 |    |                 |    |                 |    |                 |    |                  |    |                  |    |                  |    |                  |    |                  |

## Additional information

**Speciality fields:**

- Mechanic engineering - technical assistance and consultancy for research - design -for machines, equipment and installations:
- Civil and industrial constructions - technical assistance and consultancy for research design manufacturing - for lightweight metallic structures, doors and casings.
- **Management for quality control.**

**Other specialty trainings, certificates and qualifications:**

- **Judiciary technical expert from 25.11.2011:**
- **Evaluation expert ARACIS from 21.12.2010.**

**Scientific referent:**

- Journal Of Communication and Computer (ISSN 1548-7709);
- World Scientific and Engineering Academy and Society
- Research Institute for Science, Technology and Society (RISTaS)
- American Association for Science and Technology (AASCIT)

**Member on the publishing board of certain magazines:**

- Journal Of Communication and Computer (ISSN 1548-7709)
- Science Publishing Group – USA
- Membru al Editorial Advisory Board al GeoGebra Journal – Ro

**Member of scientific committees and organizations:**

- Member AGIR;
- Member MODTECH (Modern Technologies);
- Member WSEAS (World Scientific and Engineering Academy and Society);
- Member SMTR (The Technical Mechanical Society in Romania);
- Member ATHINER (Athens Institute for Education and Research)

**Reviewer for several journals:**

- WSEAS (World Scientific and Engineering Academy and Society);
- AASCIT (American Association for Science and Technology);
- RISTaS (Research Institute for Science, Technology and Society)

20 iulie 2024