

PERSONAL IDENTIFICATION **Sinziana Andreea Anghel**

📍 BUCHAREST

☎ 0727833721

✉ sanziana.anghel@inflpr.ro

PROFESSIONAL EXPERIENCE

12.2022 - 10.2025

ChemistNational Institute for Laser, Plasma and Radiation Physics,
Magurele

Responsibilities: Research

02.2021 - 12.2022

Research AssistantNational Institute for Laser, Plasma and Radiation Physics,
Magurele

Responsibilities: Research

09.2007 - 02.2021

Documentation manager

Expleo , BUCURESTI

Domain: Management - Consultanta

Responsibilities: - 2019 - present: Designer repair method, Group Renault, sector:
Aut_IDF_MIS, Expleo Romania, Bucharest

- Creation of repair method after-sales, Exploded views creation, Creation of illustrations, Summary creation (table of contents), treatments of LUP and life-series, Findings
- Keeping permanent correspondence with CUET, SMR, front office from Renault Technocenter and Expleo France, in order to obtain the correct technical information for each project (vehicle)
- Creating the structure and inserting the documentation for the contribution in the Renault databases (Phenix and New Dialogys) according to the particularity of each project
- Management of the articles revisions and the order files revisions under customer' s database
- Correspondence (Skipe meetings and emails) with:
 - Customer Groupe Renault
 - The team from India in charge with the production of SVG format of exploded view
 - Expleo France / Guyancourt
 - Reporting meetings (Renault/Expleo France)

- 2007 - 2019 : Technical documentation specialist, GE Documentation, Sector : Industry, Expleo Romania, Bucharest

- 2017 - 2019 : Sourcing (Vendor documentation) Technical referent

- Consultancy in the inspection, revision and verification of Operation and Maintenance Manual of Gas Turbines and Auxiliaries in English and French, according to General Electric standards

- Technical referent to the Romanian team
- Interface with the client General Electric, Indian team and suppliers or new procedures, technical support
- Monitoring and reporting activity for operation and maintenance documentation
- Retrieving supplier documentation
- Establishing working procedures for the activity
- Supplier training (new procedures)
- Transferring activity from Romania to India
- Responding to the customer comments
- Verifying and correcting the necessary documentation received from the GE suppliers in English and French
- Creating the structure and inserting the documentation for the contribution in the GE databases according to the particularity of each project
- Correspondence (Skype meetings and emails) with:
 - Suppliers
 - The OMM team from India
 - Customer (GE Power & Water)
 - Assystem France/Belfort
 - Relaunching suppliers by mail or phone to recover the requested documentation
 - Reporting meetings (GE/France/India)

- 2007 - 2017:

1. Operation and Maintenance Manual - OMM_PPE

* Sourcing (Vendor documentation)

- Verifying and modifying the technical documentation received from suppliers
- Organizing and facilitating access to external documentation
- Ensuring consistency of documentation
- Making the documentation accessible
- Updating the information and monitoring their changes
- Participation in updating the database

2. Operation and Maintenance Manual - OMM_PE:

* Translation project management

- Providing assistance on the project for the Romanian team
- Files preparation, analysis and formatting
- Ensuring that translation agencies receive complete, organized files, in a specific format
- Devising the project schedule; establishing delivery dates for translation agencies
- Retrieve documentation from translation agencies and verify them according to General Electric standards and requirements. Work with project management team to ensure client specifications are met
- Preparing reports containing all errors and indicate instructions to facilitate the

- necessary amendments to the files
- Keeping permanent correspondence with team Translation Management Assystem France and translation agencies
- Preparing weekly reports of the documentation' s translation status
- Ensuring the deadlines requested are met, whilst guaranteeing the level of quality required
- Managing questions or requests from translation agencies
- Update the GE databases with the final versions of translated document

* E-doc - Management of the purchase folders

- Updating the documents from the database on customer request (verifying them and making them available to the customer)

* Detail Packing List (DPL)/List of Spare Parts

- Organizing and verification of Excel Detail Packing List
- Ensuring consistency of documentation
- Making the documentation accessible
- Participation in updating the database
- Updating the information and monitoring their changes

* Description

- Keeping permanent correspondence with engineers from GE Europe and Assystem France, in order to obtain the correct technical description for each device function and for each gas turbine as whole
- Creating the structure and inserting the documentation for the contribution in the GE databases (TC5, Alchemy, Enovia) according to the particularity of each project
- Management of the articles revisions and the order files revisions under customer' s database

Accomplishments: I developed a good relation with suppliers, so I minimized the time of the retrieval of the documentation and I reduced the time for projects deliverables to the final client.

I maintained a high level of quality of the process and a good professional relationship with the customer and all the teams that I have worked with.

I contributed to the process of elaboration and simplification of the procedure.

Company Description: Expleo is a trusted partner for end-to-end, integrated engineering, quality services and management consulting for digital transformation. We help businesses harness unrelenting technological change to successfully deliver innovations that will help them gain a competitive advantage and improve the everyday lives of people around the globe. We operate in over 30 countries.

09.2004 - 09.2007

Teacher

Horia Hulubei Highschool, Magurele

Domain: Education - Training

Responsibilities: - Organizing classes

- Student assessment

Accomplishments: I contributed to the education process using my knowledge and also being an example for my students.

Company Description: Highschool

EDUCATION AND TRAINING

10.1998 - 06.2003

Faculty of Industrial Chemistry; Department of Inorganic Substances Technology, Polytechnic University of Bucharest

Field of studies: Chemistry

City: BUCURESTI

Diploma: Bachelor Degree

Additional information: Practice attended at CHIMOPAR SA

PERSONAL SKILLS

Mother tongue Romanian

Foreign languages	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	Written
English	C1	C1	C1	C1	C1
French	C1	C1	C1	C1	C1
Spanish	B1	B1	A2	A2	A1

Communication skills

INFLPR is an independent, national importance research institution established by the Government of Romania.

Management/Organisational skills

INFLPR is currently a member of the EURATOM association, a partner in the Extreme Light Infrastructure (ELI), partner in LASERLAB EUROPE, ALICE, and a leader in many projects funded by the EU, NATO, and other international organizations.

Skills gained at your work place

- Continuous learner
- Problem solving
- Teamwork oriented

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
proficient	proficient	indepdent	proficient	proficient

Technical skills and certificates:

MS OFFICE (Word, Excel, Outlook, PowerPoint); Adobe Acrobat, Databases: Phenix (Windchill and Arbortext), 3DVia, SVG Editor, SIGNE, ENOVIA, Alchemy, Kinetic, Webbook, Documentum

Driver's license Yes

Other courses, trainings (Courses, Conferences, Seminars, Affiliations, References) Module Education, Polytechnic University of Bucharest (2000)
 Multi-language translated documents management (December 2012 – France, Belfort)
 Multi-language translated documents management (February 2014 – France, Belfort)
 Managementul stresului (Iulie 2018 – expleo)
 Constientizarea Relatiei Client-Furnizor – ASR (November, 2018 – ASR)
 Inteligenta emotionala (June 2019 - expleo)
 Reuniuni eficiente (Septembrie 2019 – expleo)
 Comunicarea in relatiile profesionale (Septembrie – 2019)
 Designer repair method (October, 2019 – France, Guyancourt)
 Broker de tehnologii (November 2021, Bucharest)

Certificates (Publications, Certifications, Presentations, Projects)

PUBLICATIONS:

1. Coatings Functionalization via Laser versus Other Deposition Techniques for Medical Applications: A Comparative Review; Badiceanu, M.; Anghel, S.; Mihailescu, N.; Visan, A.I.; Mihailescu, C.N.; Mihailescu, I.N. *Coatings* 2022, 12(1), 71; doi:10.3390/coatings12010071.
1. Polymeric Coatings for Drug Delivery by Medical Devices/Journal of Nanotechnology in Diagnosis and Treatment, Anghel, S.; Mahmood, M.A.; Matei, C.E. ; Visan, A.I Pages no .33 to 48, volume 7 , 2021.
2. Laser Additive Manufacturing of Bulk Silicon Nitride Ceramic: Modeling versus Integral Transform Technique with Experimental Correlation; Mihailescu, C.N.; Oane, M.; Sava, B.A.; Popescu, A.C.; Elisa, M.; Mahmood, M.A.; Mihailescu, N.; Filip, A.V.; Anghel, S.A.; Mihailescu, I.N. et al. ; *Crystals* 2022, 12, 1155; doi.org/ Z0.3390/cryst12081155
3. Mathematical Formalism of Femtosecond Laser-Deoxyribonucleic acid interaction: Thermal Evolution; Oane, M.;Sava, B.A.; Mahmood, M.A.; Mihailescu, N.; Anghel, S.A.; Filip, A.V.; Mihailescu, I.N.; Mihailescu, C.N.; Ristoscu, C.; Helyon 2022, 8, 11; doi.org/10.1016/j.heliyon.2022.e11765
4. Ultra-Short Pulses Laser Heating of Dielectrics: A Semi-Classical Analytical Model; Badea, L.; Duta, L.; Mihailescu, C.N.; Oane, M.; Trefilov, A.M.I.; Popescu, A.; Hapenciuc, C.; Mahmood, M.A.; Anghel S.; Mihailescu, N; Ticos, D.; Ristoscu, C; Mihailescu, Ion N.; *Materials* 2024, 17, 5366.; <https://doi.org/10.3390/ma17215366>
5. Hot probe technique for thin films Seebeck coefficient measurement; Hapenciuc, C.L ; Oane, M ; Visan, A ; Ristoscu, C; Stochioiu, A ; Urzica, I ; Dumitru, M ; Anghel, S ; Borca-Tasciuc, T ; Mihailescu, I.N ; *RESULTS IN ENGINEERING*, Volume: 23, 2024 SEP, doi: 10.1016/j.rineng.2024.102789

CONFERENCES:

1. Biological efficient decontamination of large fluid volumes via combined action of UV-C radiation and metamaterials; Sinziana Anghel, Carmen Ristoscu, Anita Visan, Gianina Popescu-Pelin, Nicolae A. Enaki, Ion Munteanu, Ion N. Mihailescu.; poster - International Conference on Laser, Plasma and Radiation – Science and Technology - ICLPR-ST, 16-21 June 2024, Danube Delta, Romania;
2. Biological efficient decontamination of large fluid volumes via combined action of UV-

C radiation and metamaterials; Sinziana Anghel, Carmen Ristoscu, Anita Visan, Gianina Popescu-Pelin, Nicolae A. Enaki, Ion Munteanu, Ion N. Mihailescu; poster - 7th international Conference Emerging Technologies in Materials Engineering, 30-31 October 2024, Bucharest, Romania;

3. Laser Additive Manufacturing : Experimental results versus Theoretical Modelling; Ion N. Mihailescu, Muhammad Arif Mahmood, Cristian N. Mihailescu, Mihai Oane, Carmen Ristoscu, Sinziana Andreea Anghel, Andrei C. Popescu, Diana Chioibas; invitata - 23rd international conference and school on quantum electronics "laser physics and applications"; 23 - 27 september 2024, ravda, bulgaria;

4. Direct (laser) energy deposition: experimental results vs modellization; Ion N. Mihailescu, Muhammad Arif Mahmood, Asif Ur Rehman, Cristian N. Mihailescu, Mihai Oane, Carmen Ristoscu, Sinziana Andreea Anghel, Andrei C. Popescu, Diana Chioibas; invitata - 8th International School on Lasers in Materials Science, S. Servolo Island (Venezia) – Italy, July 14 – 20, 2024 ;

5. The crucial role of hermite polynomials with respect to the thermal behaviour during spatially anisotropic femtosecond laser dna interaction; Mihai Oane, Cristian N Mihăilescu, Lucica Boroica, Anca Nedelcea, Alexandra M. I Trefilov, Ion N.Mihăilescu, Carmen Ristoscu; Natalia Mihăilescu; Sanziana Anghel; Claudiu Hapenciuc; Gerarldine M. Stanciu; Cristina L.Dolis; poster -7th internationa Conference Emerging Technologies in Materials Engineering, 30-31 October 2024, Bucharest, Romania;

6. A study of laser living tissues interaction considering analytical solutions of the generalized pennes equation; Mihai Oane, Cristian N Mihăilescu, Lucica Boroica, Anca Nedelcea, Alexandra M. I Trefilov, Ion N. Mihăilescu, Carmen Ristoscu; Natalia Mihăilescu; Sanziana Anghel; Claudiu Hapenciuc; Gerarldine M. Stanciu; Cristina L.Dolis; poster - 7th International Conference Emerging Technologies in Materials Engineering, 30-31 October 2024, Bucharest, Romania;

PATENTS:

1. Metoda cu sonda fierbinte pentru masurarea locala a coeficientului SEEBECK al filmelor subtiri, depuse pe substrat cu inalta rezolutie spatiala/A/00267; Claudiu Liviu Hapenciuc, Mihai Oane, Anita Ioana Vişan, Carmen Georgeta Ristoscu, Anghel Sinziana Andreea, Ion Nicolae Mihăilescu,

CERTIFICATES:

1. "Auditul tehnologic - Evaluarea modului de valorificare a rezultatelor de CD; Analiza capabilitatii operatorilor economici in domeniul CDI " (2022)
2. "Elemente si modele de contracte pentru transferul de tehnologie" (2022)
3. "Dezvoltarea capacitatii de inovare a eco-sistemului de CDI; Pasi in transferul tehnologic" (2023)
4. Broker de tehnologii (2021)
5. Module Education, Polytechnic University of Bucharest (2000)

Awards (Distinctions, Citations)

1. ICLPR-ST 2022 L'Oréal Romania woman in science Awards;
2. Silver Medal - "Procedeu de decontaminare a fluidelor in regim static sau dinamic folosind acțiunea sinergică a radiației UV-C și a metamaterialelor; A. I. VIȘAN, C.G. RISTOSCU, G. F. POPESCU-PELIN, S. A. ANGHEL, V..P. ARANGHEL, I. N. MIHĂILESCU; prezentare poster la Expoziția Internațională Specializată (EIS) „INFOINVENT 2023”, ediția a XVIII-a, 22-24 noiembrie 2023, Chișinău, Republica Moldova; IV.63 – poster ;
3. I was awarded for my results and productivity.