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WORK EXPERIENCE

National Contact Point (NCP) for Horizon Europe program

The Executive Agency for Higher Education, Research and Innovation Funding [11/2021 – Current]

City: Bucharest | Country: Romania

National Contact Point (NCP) for the Horizon Europe program, subprogram "Marie-Sklodowska Curie Actions"

- Dissemination of general and specific documentation related to Horizon Europe, subprogram "Marie-Sklodowska Curie Actions", including information on participation conditions, possibilities and conditions for submitting project proposals, as well as reporting activities within the research and innovation projects funded under Horizon Europe, subprograms "Marie-Sklodowska Curie Actions".
- Organization of promotional and informational activities, such as information days (infodays), seminars, conferences, newsletters, video materials, written/published materials, support materials, website updates, and brokerage events etc.
- Increasing awareness within the academic and innovation community in Romania regarding funding opportunities under Horizon Europe and the subprogram "Marie-Sklodowska Curie Actions".
- Providing assistance to researchers and organizations in Romania to enhance and improve their participation in Horizon Europe, subprogram "Marie-Sklodowska Curie Actions".
- Providing advice and training for preparing research and innovation project proposals for the "Marie-Sklodowska Curie Actions" subprogram. Organization of training courses and sessions (both physical and virtual) on Horizon Europe and the "Marie-Sklodowska Curie Actions" subprogram for individuals interested in applying, ensuring high-quality advisory services.
- Explaining the objectives and application methods for different types of actions provided for in Horizon Europe, subprogram "Marie-Sklodowska Curie Actions".
- Supporting partner search activities, especially using internet-based tools, cooperation networks, and partnership services.
- Organizing activities, courses, and training seminars for specific target groups on specialized topics.
- Representing the institution at NCP events and/or events and briefings organized by the European Commission.
- Coordinating specific activities as the National Contact Point for the Horizon Europe Framework Program, subprogram subprogram "Marie-Sklodowska Curie Actions".

Editor-in-Chief 'Industria Textila' peer-review international journal (part-time)

National Research and Development Institute for Textile and Leather, Bucharest [07/2019 – Current]

City: București | Country: Romania

Ensuring the scientific level and applying the editorial system at the highest quality level of the 'Industria Textila' journal by carrying out the following activities:

- Verification of the framing of the articles in the "instructions for authors and templates" found on the journal's website.
- Informing the authors about the review procedure and the publication conditions.
- Selecting the reviewers from the database or suggested by authors in correlation with the articles' theme.
- Maintaining the correspondence with the authors and reviewers in order to apply the suggestions and observations made by them in order to finalize the articles from the point of view of the text, figures, tables, graphs etc.

Ensures the appearance of the 'Industria Textila' journal in print of 6 issues per year and max. 15 articles / number maintaining a fair balance between foreign and Romanian authors.

Head of Research Department for Design and Anthropometry

National Research and Development Institute for Textile and Leather, Bucharest [02/2010 – 10/2021]

City: Bucharest | Country: Romania

- Organization and coordination of research activity within the department, according to the policy and objectives of the institute on research activity
- Assignment of the personnel competencies and responsibilities inside the department
- Research theme proposal in order to participate to the national and international programs for research-development and innovation
- Coordination and collaboration at research projects with a high level of complexity, as manager or team member
- Organization and coordination of the micro-production activity within the department, according to the policy, the objectives of the institute and the contractual requirements established with the client

Researcher/Textile Engineer

National Research and Development Institute for Textile and Leather, Bucharest [07/2005 – 02/2010]

City: Bucharest | Country: Romania

- Research activity within the Special Products Department (paraglides, parachutes, special equipments)
- Elaboration of technical, quality documentation and normative for textile industry
- Publishing of scientific papers and patents
- Dissemination – workshops, national and international conferences
- Translation/adoption/harmonisation of European standards

EDUCATION AND TRAINING

Researcher 1st degree

National Research and Development Institute for Textile and Leather, Bucharest [12/2022]

According to Law no. 319/2003 regarding the status of research and development personnel, Order no. 22025/27.12.2022 regarding the award of titles of scientific researcher, first degree and scientific researcher, second degree

Researcher 2nd degree

National Research and Development Institute for Textile and Leather, Bucharest [12/2013]

Post Doctoral Fellowship

Bucharest University of Economic Studies and ESSEC Business School – Cergy, France [02/2011 – 06/2012]

Postdoctoral programs at the forefront of excellence in research and development of Information Society Technologies innovative products and processes/ Internship for transnational research / documentation for 30 days in France

PhD degree

"Gh. Asachi" Technical University of Iași – Faculty of Textiles and Leather Engineering [2005 – 2010]

Field(s) of study: Industrial Engineering

Professional certification on "Technology Transfer and Commercialization"

The Transfer Institute, Ireland [16/10/2020 – 06/11/2020]

Certificate of Professional Education for the course "Design for Sustainability"

London College of Communication, University of Arts London, Great Britain [08/09/2020 – 29/09/2020]

Design for Sustainability Strategies, Circular economy, Systems Thinking, Life Cycle Assessment, Regenerative Design

Certificate of Professional Education for the course “Circular Product Design Assessment”

Delft University of Technology, Netherlands [10/06/2020 – 15/07/2020]

Sustainable and Circular Product Design, HOTspot mapping, Circularity Calculator

Innovation manager

Romanian Institute for Economic-Social Research and Surveys – IRECSON SRL [01/02/2013 – 23/02/2013]

Professional competence assessor

The National Council for Adult Vocational Training [03/2011]

Planning, organizing and conducting the evaluation

Trainer

Training Center in Informatics, Bucharest [27/09/2010 – 08/10/2010]

Vocational training, development of training activities, evaluation of trainees, applying special training methods and techniques

Diploma for the post-graduate advance course: „European Projects Design and Management”

University Politehnica Bucharest and the Chamber of Commerce and Industry of Bucharest [23/11/2009 – 27/11/2009]

Diploma of participation at the training „Building capacity in training curricula and assessment development”

VAPRO International, Netherlands [10/2009]

Curricula structure and evaluation criteria identification

Diploma of graduating the course “NATO Standards from the AQAP 2000 series and the Model of Excellency demands”

Fiatest [03/2006]

Diploma of graduating the course „Administration and Management of the R&D and research projects”

Bucharest University of Economic Studies [03/2006]

Graduated Engineer

“Gh. Asachi” Technical University of Iași – Faculty of Textiles and Leather Engineering [2000 – 2005]

Specialization - Clothing and knitting garment technologies

Professional Certificate for Analyst programmer assistant

Theoretic High school, Urziceni [07/2000]

LANGUAGE SKILLS

Mother tongue(s): Romanian

Other language(s):

English

LISTENING C2 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Social Media / Microsoft Office / Zoom / Google Drive / Skype

MANAGEMENT AND LEADERSHIP SKILLS

Strategy, operational plan, monitoring

Designing and implementing strategy for the allocated program, based on records and assessing the needs of beneficiaries, defining opportunities and constraints

Vision, planning, communication, motivation

Vision, planning, innovation, interpersonal communication, written communication, problem solving, integrity, motivation, development

ORGANISATIONAL SKILLS

Team and events organization

Operational plan - creation and implementation, performance monitoring, creation and implementation of physical, hybrid, online events

Coordination of teams within the research and development projects and the department, acquired in a professional context

COMMUNICATION AND INTERPERSONAL SKILLS

Interpersonal communication, written communication

PROJECTS

Main scientific research projects on European and national level (selection from more than 50 projects):

1. Program PN II- ERA NET CROSSTEXNET, contract no. 7-079/2013, IT PRODUCTION TECHNOLOGY FOR CUSTOM GARMENT, acronym ITProTech, with **TELMAT – France** as partner, role in the project: **Project manager**
2. The "Intelligent Energy - Europe" for the European Sustainable Energy Saving Clothing Industry - SESEC, funded by the Executive Agency for Competitiveness and Innovation (EACI), coordinated by European Textile and Apparel Confederation **EURATEX – Belgium**, with a consortium of 9 partners, role in the project: **Project responsible** of the INCDTP partner
3. Erasmus+, KA3, Clothing Technician Profile Update Via Education (CostUmE), contract no. 597854-EPP-1-2018-1-PT-EPPKA3-VET-JQ, role in the project: **Project responsible** of the INCDTP partner
4. Program H2020, contract no. 964766/2021, Understanding human exposure and health hazard of micro- and nanoplastic contaminants in our environment – POLYRISK, research team member
5. European cooperation EUREKA-Eurostars, contract no. PN-III-P3-3.5-EUK-2017-02-0084, Development of novel textile materials with micro-encapsulated bio-active compounds, acronym NOVAHEAL, research team member

6. European cooperation EUREKA-Eurostars, contract no. PN-III-P3-3.5-EUK-2017-02-0044, Far Infrared Rays and Anion Releasing Fabrics, acronym FAIRTEX, research team member
7. European cooperation EUREKA-Eurostars, contract no. PN-III-P3-3.5-EUK-2016-0017, Design and development of UV shielding materials, acronym UVSHIELD, research team member
8. MANUNET Program, contract no. 7-073/2013, Integrated manufacturing process applications for textiles and wood protection, acronym MANUCOAT, member research team
9. European cooperation EUREKA-Eurostars, contract no. 336E/2014, New paradigm of processes and market services for garments of elderly and obese people, acronym GarmNet, member research team
10. European cooperation EUREKA-Eurostars, contract 170/2008, A new clothing - geometric 2D/3D modeling CAD apparel, member research team
11. Program PN II ERANet CROSSTEXNET, contract no. 7-072/2013, Photo-grafting technology Applied to development of textile EPP's against extreme hot / cold Temperatures, member research team
12. POSDRU 2007 – 2013, research project „Implementation and validation of the National Qualifications Frame (CNC): from qualifications to the continuous professional training programs (FPC) – CNC – FPC”, contract identification number: POSDRU/4/1.4/S/2/3153, long term expert
13. Sectoral programs, contract no. 24/57967/2008, Textile-garment industry of Romania into the European and world context. Strategic elements on increasing the competitiveness of the sector in terms of competition on the national and global level, research team member
14. National Program Partnership, contract no. 303/2014, Ergonomic equipment for ballistic protection for female staff of the national defense system structures FEMBALPROD, member research team
15. National Program Partnership, contract no. 228/2012, Development of advanced compatible materials and Techniques and Their Applications for the protection, conservation and restoration of cultural heritage assets - Mythos, research team member

PUBLICATIONS

Main scientific papers published in specialty national and international journals H-index 7 (selection from more than 100 papers):

1. Manuela Avadanei, **Sabina Olaru**, Dulgheriu Ionut, Savin Dorin Ionesi, Emil Constantin Loghin, Irina Ionescu, A New Approach to Dynamic Anthropometry for the Ergonomic Design of a Fashionable Personalised Garment. Sustainability, 2022, 14, 7602, <https://doi.org/10.3390/su14137602>
2. Laura Chirila, Alina Popescu, Angela Cerempei, Rodica Roxana Constantinescu, **Sabina Olaru**, Miruna Stan, Eco-friendly antibacterial and biocompatible coatings by applying cinnamon essential oil and propolis based emulsions on cotton textiles, Journal of Natural Fibers, 2022, <https://doi.org/10.1080/15440478.2022.2064397>
3. Manuela Avadanei, **Sabina Olaru**, Ionut Dulgheriu, Dorin Ionesi, Emil Loghin, A new approach to determining the constructive balance for the design of customised patterns of men garments, Journal of Engineered Fibers and Fabrics, 2021, Volume 16, pp. 1–19, <https://doi.org/10.1177/15589250211064614>
4. **Sabina Olaru**, Mariana Bezdadea, Indigenous intelligent materials for the textile field, Industria Textila, 2022, 73, 1, 103–110, <http://doi.org/10.35530/IT.073.01.202058>
5. Manuela Avadanei, **Sabina Olaru**, Irina Ionescu, Adela Florea, Antonela Curteza, Emil-Constantin Loghin, Ionut Dulgheriu, Doru Cezar Radu, *Clothing development process towards a circular model*, Industria Textila, vol. 72, no. 1, Special issue on Circular Economy, 2021, pp. 89-96, <http://doi.org/10.35530/IT.072.01.1563B>
6. Manuela Avadanei, **Sabina Olaru**, Irina Ionescu, Mariana Ursache, Luminita Ciobanu, Lidia Alexa, Alexandra Luca, Monica Olmos, Theofilos Aslanidis, Dana Belakova, César Silva, ICT new tools for a sustainable textile and clothing industry, Industria Textila, vol. 71, no. 5, 2020, pp. 504-512, <https://doi.org/10.35530/IT.071.05.1811>
7. **Sabina Olaru**, Alexandra Mocenco, Georgeta Popescu, Mihaela Dobre, Legal protection of fashion creations, Industria Textila, vol. 65, nr. 2, 2014, ISSN 1222–5347 (63–120), pag. 95–100
8. **Sabina Olaru**, Carmen Ghituleasa, Emilia Filipescu, Knowledge Management in the Fashion Industry, Procceding of the 13th European Conference on Knowledge Management - ECKM 2012, Cartagena, Spain, 6-7 Septembrie 2012, ISBN: 978-1-908272-64-5, pag. 873-882

9. **Sabina Olaru**, Emilia Filipescu, Elena Filipescu, Claudia Niculescu, Adrian Salistean, Software solution to assess morphological body through 3D scanning results, Proceeding of the 9th International Scientific Conference eLearning and software for Education Bucharest, April 25-26, 2013, vol. 3, ISSN 2066-026X, pag. 391-398
10. Alexandra Mocenco, **Sabina Olaru**, Georgeta Popescu, Dan Luca, New technology platform dedicated to clothing industry, Proceedings of AUTEX 2015, 15th World Textile Conference, Bucuresti, 2015, ISBN 978-606-685-275-3, pag. 170

Books published:

1. Mariana Bezdadea, **Sabina Olaru**, Template and Resonance in Chemistry, Oscar Print Publishing, 2024, ISBN 978-973-668-645-0
2. Mariana Bezdadea, **Sabina Olaru**, Applied supramolecular chemistry - membranes (Biotechnology), Oscar Print Publishing, 2018, ISBN 978-973-668-486-9
3. Emilia Visileanu, Doina Toma, **Sabina Olaru**, Noi realizari in domeniul textil, Editura Performantica, 2011, ISBN 978-973-730-804-7
4. Emilia Visileanu, Doina Toma, **Sabina Olaru**, Carmen Ghituleasa, Claudia Niculescu, Razvan Scarlat, Modulul Inovatii de proces pentru studentii din anul III, Editura Performantica, 2011, ISBN 978-973-730-842-9
5. Emilia Visileanu, **Sabina Olaru**, Manuela Diaconu, Modul inovare, Editura Performantica, 2011, ISBN 978-973-730-851-1
6. Ion Durboaca, Emilia Visileanu, Nuta Durboaca, **Sabina Olaru**, Ingineria proceselor si echipamentelor specifice confectiilor textile, Editura Printech, 2011, ISBN 978-606-521-733-1
7. **Sabina Olaru**, Adrian Salistean, Claudia Niculescu, Optimizarea fabricatiei parasutelor si parapantelor, Editura Certex, 2009, ISBN 978-973-1716-58-9
8. Emilia Visileanu, Eftalea Carpus, Maria Teodorescu, Bogdan Onete, **Sabina Olaru** et al., Industria de textile si confectii din Romania, Editura Certex, 2010, ISBN 978-973-1716-60-2
9. Eftalea Carpus, Emilia Visileanu, Claudia Niculescu, Maria Teodorescu, Bogdan Onete, **Sabina Olaru** et al., Industria de textile confectii. Ghid practic, Editura Certex, 2010, ISBN 978-973-1716-65-7
10. Nicolaiov Pulferia, Adela Florea, Carmen Loghin, Eftalea Cărpuş, Claudia Niculescu, **Sabina Olaru** et al., Metode inovative de management şi organizare a operaţiilor de lucru şi a celor de organizare în sectorul confecţii textile, Editura Certex, 2010, ISBN 978-973-1716-60-2
11. Nicolaiov Pulferia, Adela Florea, Carmen Loghin, Eftalea Cărpuş, Claudia Niculescu, **Sabina Olaru** et al., Metode inovative de organizare a operaţiilor de lucru şi a celor de organizare în sectorul confecţii textile, Editura Certex, 2010, ISBN 978-973-1716-61-9

HONOURS AND AWARDS

Awards (selection from more than 15 awards):

1. Inventica Salon 2020, Gold medal, Multifunctional harness/container assembly for sports parachutes – HCM
2. Euroinvent Salon European Exhibition of Creativity and Innovation 2020, Gold medal, Protective clothing for interventions in emergency situations, Patent application no. A / 00617 of 29.08.2018
3. AGIR Award for 2018, in the section "Textile and leather engineering" was won by INCDTP - Bucharest with the work "3D scanning and virtual simulation applied in the design of work and protection equipment"
4. Eureka Salon! 2012, Brussels, Gold Medal, Rescue parachute with circular lift canopy
5. International Exhibition of Inventions INVENTIKA 2010 Bucharest, Gold medal, Rescue parachute canopy-held
6. International Exhibition of Inventions INVENTIKA 2010 Bucharest, Gold Medal, parachute type wing tri-cell canopy
7. International Exhibition of Inventions, Scientific Research and New Technologies INVENTIKA 2009, Gold Medal, parachute type wing tri-cell canopy
8. International Exhibition of Inventions Geneva 2009, Diploma and Silver Medal, paragliding 3D structure and technology realization
9. International Exhibition of Inventors in Croatia - ARCA 2006, Gold Medal, paragliding 3D structure and technology realization

10. International Exhibition of Inventions and New Technologies INVENTIKA 2006, Diploma and Gold Medal, paragliding 3D structure and technology realization
11. Eureka! 2006, Brussels, Silver medal, paragliding 3D structure and technology realization
12. Research Fair 2006, Bucharest, Award for Excellence in Research, Small cell plate and method of obtaining it used in obtaining orthotic devices for medical and sport

OTHERS

Related expertise

1. Evaluator COST Actions
2. Evaluator Round Dutch Research Agenda – Research along Routes by Consortia (NWA-ORC) 2020/21
3. Evaluator Call for Fundamental and Applied Research Projects of the Latvia Council of Science
4. Scientific Reviewer for Journal of Engineered Fibers and Fabrics (indexed WOS/ISI IF 1.573 in 2020)
5. Expert of European Technological Platform “Textiles and Clothing Future” - Textile Flagships for Europe 6 (Digital Fashion), EURATEX - Belgium
6. Expert CEN/TC 122/WG 1/TG 1- Anthropometric data of children
7. Expert CEN/TC248, WG10 - Size system of clothing
8. Expert CEN/TC248, WG20 - The Safety of Children Clothing
9. Expert ASRO - CT 103 Textile
10. Expert ASRO - CT 54 Ergonomics