



Personal information

First name(s) / Surname(s) **Daniela FIGHIR**
 E-mail daniela.arsene@ch.tuiasi.ro
daniela.fighir@academic.tuiasi.ro
 Nationality ROMANIAN
 Gender Female

Work experience

Dates February 2020- present
 Occupation or position held Lecturer
 Main activities and responsibilities *Didactic activities and Scientific Research*
 Name and address of employer "Gheorghe Asachi" Technical University of Iasi (TUIasi), "Cristofor Simionescu" Faculty of Chemical Engineering and Environmental Protection, Department of Environmental Engineering and Management
 Type of business or sector University studies and scientific research

Dates February 2015- February 2020
 Occupation or position held Assistant professor
 Main activities and responsibilities Didactic activities and Scientific Research
 Name and address of employer "Gheorghe Asachi" Technical University of Iasi (TUIasi), "Cristofor Simionescu" Faculty of Chemical Engineering and Environmental Protection, Department of Environmental Engineering and Management
 Type of business or sector University studies and scientific research

Dates June 2019 -present
 Occupation or position held Project assistant, Project "*Reactioneaza Chimic cu Mediul de la TUIasi*"
 Main activities and responsibilities Didactic activities, organizer for the summer school for student
 Name and address of employer "Gheorghe Asachi" Technical University of Iasi (TUIasi), "Cristofor Simionescu" Faculty of Chemical Engineering and Environmental Protection
 Type of business or sector University studies and scientific research

Dates March 2013 -present
 Occupation or position held Metrologist and analysis responsible in the LACMED laboratory, accredited by RENAR
 Main activities and responsibilities Activities: planning, organizing and coordinating equipment maintenance activities, performing analyses, validating analysis methods, estimating measurement uncertainty
 Name and address of employer "Gheorghe Asachi" Technical University of Iasi (TUIasi), "Cristofor Simionescu" Faculty of Chemical Engineering and Environmental Protection, Department of Environmental Engineering and Management
 Type of business or sector University studies and scientific research

Dates November 2011 -present
 Occupation or position held Scientific researcher within research projects Contract no. 739/2009, Contract no. 60/2012, Contract 521PED/2020, Contract no. 56PCE/2021, Contract no. 19-COP-0038/2020, contracts with economic agents
 Main activities and responsibilities Scientific research
 Name and address of employer "Gheorghe Asachi" Technical University of Iasi (TUIasi), "Cristofor Simionescu" Faculty of Chemical Engineering and Environmental Protection, Department of Environmental Engineering and Management
 Type of business or sector University studies and scientific research

Dates	October 2008- October 2011
Occupation or position held	PhD student
Main activities and responsibilities	Scientific research
Name and address of employer	“Gheorghe Asachi” Technical University of Iasi (TUIasi), “Cristofor Simionescu” Faculty of Chemical Engineering and Environmental Protection, Department of Environmental Engineering and Management
Type of business or sector	University studies and scientific research

Education/Specializations

Dates	26.03.2021
Calification/diploma obtained <i>Disciplines/ professional competencies gained</i>	Certificate of training - Training and education regarding the Quality Management of study programs in the forms of education ID/IFR
Name and type of educational institution	The Romanian Agency for Quality Assurance in Higher Education

Dates	14.09.2020-18.09.2020
Calification/diploma obtained <i>Disciplines/ professional competencies gained</i>	Certificate of participation - Online course "Entrepreneurial Tools and Competences for Teachers and their Students"
Name and type of educational institution	Europass teacher academy, Firenze, Italy

Dates	10.04.2020-20.06.2020
Calification/diploma obtained <i>Disciplines/ professional competencies gained</i>	Certificate of participation - Postgraduate training and continuous professional development program Entrepreneurship, Business communication, Marketing and business promotion, Business management
Name and type of educational institution	“Gheorghe Asachi” Technical University of Iasi (TUIasi)

Dates	1.02.2012-30.03.2013
Calification/diploma obtained <i>Disciplines/ professional competencies gained</i>	Postdoctoral researcher, Certificate of postdoctoral studies (No. 7971/29.04.2013) Sustainable Development. The research topic "Studies on the elimination of priority organic pollutants from wastewater through heterogeneous catalytic oxidation processes in the presence of hydrogen peroxide" under the scientific coordination of Prof.dr.ing. Carmen Teodosiu
Name and type of educational institution	“Gheorghe Asachi” Technical University of Iasi (TUIasi)

Dates	2008 – 2011
Calification/diploma obtained <i>Disciplines/ professional competencies gained</i>	Diploma of Doctor (PhD) Chemical Engineering PhD Thesis: “Studies regarding advanced wastewater treatment by catalytic wet hydrogen peroxide oxidation” under the scientific coordination of Prof.dr.ing. Carmen Teodosiu
Name and type of educational institution	“Gheorghe Asachi” Technical University of Iasi (TUIasi), “Cristofor Simionescu” Faculty of Chemical Engineering and Environmental Protection, Department of Environmental Engineering and Management

Dates	2008-2009
Calification/diploma obtained <i>Disciplines/ professional competencies gained</i>	Master of Science Diploma (Series H No. 0037126) Environmental Management
Name and type of educational institution	“Gheorghe Asachi” Technical University of Iasi (TUIasi), “Cristofor Simionescu” Faculty of Chemical Engineering and Environmental Protection

Dates	2003-2008
Calification/diploma obtained <i>Disciplines/ professional competencies gained</i>	Environmental Engineer (Series G No. 0054200) Environmental Engineering and Protection in Industry
Name and type of educational institution	“Gheorghe Asachi” Technical University of Iasi (TUIasi), “Cristofor Simionescu” Faculty of Chemical Engineering and Environmental Protection

Dates **1.03.2004-1.07. 2007**
 Calification/diploma obtained Graduation diploma of the Complementary Module of Pedagogical Sciences (Series G No. 0035377)
 Disciplines/ professional competencies gained Pedagogical sciences
 Name and type of educational institution "Gheorghe Asachi" Technical University of Iasi

Personal skills and competences

Mother language (s) Romanian

Other language(s) (*) **Common European Framework of Reference for Languages**

Self-assessment <i>European level (*)</i>	Understanding				Speaking				Writing	
	Listening		Reading		Spoken interaction		Spoken production			
English	C1	Experimented user	C1	Experimented user	C1	Experimented user	C1	Experimented user	C1	Experimented user
French	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user

- Certificate of participation in the course "English as a medium of instruction (EMI) UDC-TUIASI International Summer School, organized by the Technical University "Gheorghe Asachi" from Iasi and Universidade da Coruna, May 11-20, 2016.
- Diploma of participation in advanced English courses organized by "Gheorghe Asachi" Technical University in Iasi and British Romanian Educational Exchange BREDEX 2013.

Social skills and competences

- good ability to adapt to multicultural environments, gained through my work experience abroad.
- good communication skills gained through my experience in the research stages
- I'm a sociable, communicative, reliable, conscientious, punctual, responsible and a creative person
- I appreciate the value of the perseverance and team spirit

Organisational skills and competences

- member of the secretariat organization of the 5th, 8th, 9th and 10th, 11th and 12th International Conference on Environmental Engineering and Management (ICEEM 05, ICEEM 08, ICEEM 09, ICEEM 10, ICEEM 11, ICEEM12).
- member of the research group "Environmental Engineering and Impact Assessment", Faculty of Chemical Engineering and Environmental Protection, Technical University "Gheorghe Asachi" from Iasi
- good experience in project or team work

Technical skills and competences

Research areas:

- Sustainability indicators;
- Circular economy;
- Environmental management and sustainable consumption
- Wastewater Treatment Technologies, advanced wastewater treatment for recycling of industrial effluents (catalytic processes, advanced oxidation);
- Water Treatment Technologies for drinking or industrial use;

Scientific activity:

- Books and chapters published by Publishing Houses recognized at national/international level: **2 books and 3 book chapters**;
- Articles published in international journals (ISI ranked and included in international data bases): **14** (Web of Science -13, ISI Web of Knowledge, BDI-1):
- Conferences/key-note lectures presented at international/national recognized conferences: **37**
- Patent: 1 national;
- PhD thesis: 1; MSc thesis: 1;
- Citations of works published in ISI rated journals = 256;
- HIRSCH index: h= 8. (Web of Science, Scopus and Google Academics)

Other skills and External specialization stages:**competences**

1. **Research stage** at Delft University of Technology, Department of Materials Science and engineering, Group of Biomaterials Technology, supervised by Prof.dr.ir. Jurek Duszczyk during the period: 15 January – 15 June 2008.
2. **Research stage** at the UMR 6503 CNRS, Laboratoire de Catalyse en Chimie Organique, Université de Poitiers, France, supervised by Assoc. prof.dr.ir. Sebastien Royer during the period: 1 February – 30 April 2011.
3. **Research stage** at the UMR 6503 CNRS, Laboratoire de Catalyse en Chimie Organique, Université de Poitiers, France, supervised by Assoc. prof.dr.ir. Sebastien Royer during the period: 1 May 2012– July 2012.

Computer skills and competences

- Competent with most Microsoft Office programs
- Basic knowledge of graphic design applications (PhotoShop)
- Internet, Adobe Professional

Driving license - B

March 2023

**dr.eng. Daniela
FIGHIR**