



### Personal information

First name(s) / Surname(s) **Daniela FIGHIR**  
 E-mail [daniela.arsene@ch.tuiasi.ro](mailto:daniela.arsene@ch.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  
 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  
 Type of business or sector University studies and scientific research

**Dates October 2011-February 2015**  
 Occupation or position held Dr.eng., Researcher  
 Main activities and responsibilities Scientific research  
 Name and address of employer "Gheorghe Asachi" Technical University of Iasi (TUIasi), Faculty of Chemical Engineering and Environmental Protection  
 Type of business or sector University studies and scientific research

### Education/Specializations

**Dates 2008 – 2011**  
 Calification/diploma obtained Diploma of Doctor (PhD)  
*Disciplines/ professional competencies gained* Chemical Engineering  
 Name and type of educational institution PhD Thesis: "Studies regarding advanced wastewater treatment by catalytic wet hydrogen peroxide oxidation"  
*institution* "Gheorghe Asachi" Technical University of Iasi, Romania

**Dates 2008-2009**  
 Calification/diploma obtained Master of Science  
*Disciplines/ professional competencies gained* Environmental Management  
 Name and type of educational institution "Gheorghe Asachi" Technical University of Iasi, Faculty of Chemical Engineering and Environmental Protection

**Dates 2003-2008**  
 Calification/diploma obtained Environmental Engineer  
*Disciplines/ professional competencies gained* Chemical Engineering and Environmental Protection

Name and type of educational institution "Gheorghe Asachi" Technical University of Iasi, Faculty of Chemical Engineering and Environmental Protection

## Personal skills and competences

Mother language (s) Romanian

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

Self-assessment

European level (\*)

	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

## 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 5<sup>th</sup>, 8<sup>th</sup>, 9<sup>th</sup> and 10<sup>th</sup>, 11<sup>th</sup> International Conference on Environmental Engineering and Management (ICEEM 05, ICEEM 08, ICEEM 09, ICEEM 10, ICEEM 11).
- 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:

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

### Scientific activity:

- Books and chapters published by Publishing Houses recognized at national/international level: **3**;
- Articles published in international journals (ISI ranked and included in international data bases): **9**
- Conferences/key-note lectures presented at international/national recognized conferences: **34**
- Patent: 1 national;
- PhD thesis: 1; MSc thesis: 1;

## Other skills and competences

### External specialization stages:

1. **Research stage** at Delft University of Technology, Department of Materials Science and engineering, Group of Biomaterials Technology, supervised by Prof.dr.ir. Jurek Duszczczyk 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

Signature,  
dr.eng. Daniela FIGHIR