

**PERSONAL INFORMATION** **Catinca Secuianu**

 Building E, Room E305, Campus "Polizu", 1-7 Gh. Polizu Street, S1, 011061 Bucharest, Romania  
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 catinca.secuianu@upb.ro

Sex female || Nationality Romanian

**WORK EXPERIENCE**

- Jan 2016 – Present **Professor Habilitatus**  
 University Politehnica of Bucharest, 313 Spl. Independentei Street, S6, 060042 Bucharest, Romania
- Feb 2014 – Present **Professor**  
 University Politehnica of Bucharest, 313 Spl. Independentei Street, S6, 060042 Bucharest, Romania
- May 2012 – May 2016 **Vice Dean of Faculty of Applied Chemistry & Materials Science**  
 University Politehnica of Bucharest, 313 Spl. Independentei Street, S6, 060042 Bucharest, Romania
- Nov 2011 – Apr 2024 **Honorary Research Fellow**  
 Department of Chemical Engineering, Imperial College London, South Kensington Campus, SWR7 2AZ London, United Kingdom
- Oct 2012 – Sep 2014 **Associate Professor**  
 University Politehnica of Bucharest, 313 Spl. Independentei Street, S6, 060042 Bucharest, Romania
- Nov 2009 – Oct 2011 **Research Fellow**  
 Department of Chemical Engineering, Imperial College London, South Kensington Campus, SWR7 2AZ London, United Kingdom
- March 2007 – Sep 2012 **Lecturer**  
 University Politehnica of Bucharest, 313 Spl. Independentei Street, S6, 060042 Bucharest, Romania
- Oct 2004 – Feb 2007 **Assistant Professor**  
 University Politehnica of Bucharest, 313 Spl. Independentei Street, S6, 060042 Bucharest, Romania

**EDUCATION AND TRAINING**

01.10.2023-30.06.2024	Master Studies in Advanced Control and Real-Time Systems (Systems Engineering), National University of Science and Technology POLITEHNICA Bucharest, Romania	Master diploma
01.10.2000-31.10.2004	PhD Studies, University Politehnica of Bucharest, Romania	PhD in Chemical engineering
01.10.2001-31.01.2002	PhD internship at University Ruhr-Bochum, Germany	
01.10.2000-31.07.2001	Advanced Studies in Applied Thermodynamics & Electrochemistry, University Politehnica of Bucharest, Romania	Advanced studies diploma
01.10.1995-31.07.2000	Organic Substances Technology, University Politehnica of Bucharest, Romania	Diplomate Engineer diploma

**PERSONAL SKILLS**

Mother tongue(s) Romanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
ETS TOEFL 2009					
French	C2	C2	C2	C2	C2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user

- Communication skills
- good communication skills gained through my experience as teacher and manager (vice-dean and grants)
- Organisational / managerial skills
- leadership
- Job-related skills
- analytical thinking, perseverance, empathy, enthusiasm
- Computer skills
- good command of Microsoft Office™ tools
- Driving licence
- B

#### ADDITIONAL INFORMATION

**Publications** Over 70 articles (55 ISI articles, at least 5 top 25%), 80 conference papers/communications; 1 book; 1 chapter; 1 book as editor; 2 text books

#### Projects

6 projects (e.g., PN-III-P4-PCE-2021-0717, PN-III-P4-ID-PCE-2016-0629) as manager (2 international), member in more than 20 projects

#### Conferences

Chair of 29<sup>th</sup> European Symposium on Applied Thermodynamics – ESAT 2017, Hotel Radisson Blu Bucharest, Romania; Organizer and Vice chair of Romanian International Conference on Chemistry & Chemical Engineering – RICCCCE 2001-2009, 2013-2015

#### Honours and awards

In tempore Opportune, UPB 2005, 26 Awards for scientific publications (UEFISCDI)

#### Memberships

European Federation of Chemical Engineering (EFCE), Romanian Chemical Engineering Society, Romanian Chemistry Society, *National Delegate of Romania of the Working Party on Thermodynamics and Transport Properties (WP-TTP)*, member of Sections on Product Design and Engineering and Energy/EFCE

#### Reviewer

Reviewer for a number of journals (e.g., Journal of Chemical & Engineering Data; Central European Journal of Chemistry; International Journal of Liquid State Sciences; Chemical Reviews; Theoretical Chemistry Accounts; The Journal of Chemical Thermodynamics; Chemical Engineering Communications; The Journal of Supercritical Fluids; Chemical Engineering Science; Fluid Phase Equilibria; *Chemical Industry & Chemical Engineering Quarterly*; Chemical Engineering Research and Design; International Journal of Thermophysics, etc.)

#### Editor

Open Chemistry (Central European Journal of Chemistry), Member of the Editorial Board of J. Chem. Eng. Data - American Chemical Society, Member of the Editorial Board of Chemical Thermodynamics and Thermal Analysis – Elsevier

#### Evaluator

Evaluator/Vice-chair HORIZON-MSCA (2018- present), Evaluator UEFISCDI, M-ERA.NET Call

#### ANNEXES

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 ResearcherID: C-2558-2009  
 ORCID Number: <http://orcid.org/0000-0001-5779-6415>