



Mihaela-Ligia UNGUREȘAN

ID: 675105 | **Work permit:** Romanian | **Date of birth:** 17/06/1972 |

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WORK EXPERIENCE

 **TECHNICAL UNIVERSITY OF CLUJ-NAPOCA, FACULTY OF MATERIALS AND ENVIRONMENTAL ENGINEERING –**
CLUJ-NAPOCA, ROMANIA

ASSOCIATE PROFESSOR – 01/10/2008 – CURRENT

- Teaching and research activity in Physics and Chemistry Department;
- Member in Administrative Council of the Faculty of Materials and Environmental Engineering, and in Physics and Chemistry Department from 1.10.2012 to 1.04.2020.

 **TECHNICAL UNIVERSITY OF CLUJ-NAPOCA, FACULTY OF MATERIALS AND ENVIRONMENTAL ENGINEERING –**
CLUJ-NAPOCA, ROMANIA

LECTURER – 01/10/2002 – 30/09/2008

- Teaching and research activity in Chemistry Department.

 **TECHNICAL UNIVERSITY OF CLUJ-NAPOCA, FACULTY OF MATERIALS AND ENVIRONMENTAL ENGINEERING –**
CLUJ-NAPOCA, ROMANIA

ASSISTANT PROFESSOR – 25/01/1998 – 30/09/2002

- Teaching and research activity in Chemistry Department.

 **TECHNICAL UNIVERSITY OF CLUJ-NAPOCA, FACULTY OF MATERIALS AND ENVIRONMENTAL ENGINEERING –**
CLUJ-NAPOCA, ROMANIA

ASSOCIATE ASSISTANT – 01/10/1997 – 24/01/1998

- Teaching activity in Chemistry Department.

 **NATIONAL INSTITUTE FOR RESEARCH AND DEVELOPMENT OF ISOTOPIC AND MOLECULAR TECHNOLOGIES –**
CLUJ-NAPOCA, ROMANIA

LABORATORY ASSISTANT – 01/11/1995 – 24/01/1998

EDUCATION AND TRAINING

01/11/2000 – 30/07/2006 Cluj-Napoca, Romania

DOCTOR OF PHILOSOPHY Babes-Bolyai University, Cluj-Napoca

Field of study Chemistry, Chemical Kinetics | **Final grade** Excellent |

Thesis The PhD thesis with the title: "Fast redox reactions for reducing the ions Cu(II) with thiocombinations", Advisor: Prof. chem. Gavril Niac.

01/10/1995 – 30/06/1996 Cluj-Napoca, Romania

MASTER OF SCIENCE Babes-Bolyai University, Cluj-Napoca

Field of study Applied Electrochemistry



01/10/1990 – 30/06/1995 Cluj-Napoca, Romania

BACHELOR OF SCIENCE Babes-Bolyai University, Cluj-Napoca

- chemical kinetics of rapid reactions;
- modeling and simulation of physical-chemical processes;
- synthesis of chemical compound marked with stable isotopes;
- physical-chemical and isotopic analyses; modeling of the processes occurring at the interface electrode - electrolyte.

Field of study Physical-Chemistry

SCIENTIFIC ACTIVITY

01/09/1995 – CURRENT

Publications

- 210 published or presented works, of which: 51 articles published in ISI-indexed journals, 91 articles in ISI Proceedings or other international databases (IEEEExplore, Scopus, Chemical Abstract, Current Contents, etc.); 18 papers published in journals recognized by CNCIS; 50 papers published in the volumes of national and international scientific events.
- A book in Springer Publishing Houses, 18 books in publishing houses recognized CNCIS
- 30 research contracts, out of which in one as manager.

LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2
FRENCH	B1	B1	A2	A2	A2

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

SKILLS

Microsoft Office package: Microsoft Word, Excel, PowerPoint, Access | Matlab | SPSS | chemical kinetics of rapid reactions | modeling and simulation of physical-chemical processes; | synthesis of chemical compound marked with stable isotopes | modeling of the processes occurring at the interface electrode - electrolyte