



Europass Curriculum Vitae



Informatii personale

Family name / Given name **BALINT IOAN**
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Nationality Romanian
Date of birth 1.06.1957
Sex male

Professional experience

Period	2005-present
Function or position	Senior researcher (Researcher I)
Main activities and responsibilities	Research in catalysis (green energy production, depollution) , photocatalytic (water splitting, photocatalytic depollution) and synthesis, characterization of nanomaterials (metals, oxides, composites)
Name and address of working place	Institute of Physical Chemistry of Romanian Academy, Spl. Independentei 202, Bucuresti, Romania
Type of activity	Research
Period	1998-2005
Function or position	Researcher (II)
Main activities and responsibilities	Researches in catalytic domain, synthesis and characterization of catalytic nanomaterials
Name and address of working place	Institute of Physical Chemistry of Romanian Academy, Spl. Independentei 202, Bucuresti, Romania
Tipul activitatii sau sectorul de activitate	Research
Period	1997-1998
Function or position	Researcher (III)
Main activities and responsibilities	Researches in catalytic and defect chemistry domains
Name and address of working place	Institute of Physical Chemistry of Romanian Academy, Spl. Independentei 202, Bucuresti, Romania
Type of activity	Research
Period	1990-1997
Function or position	Researcher
Main activities and responsibilities	Researches in catalytic domain, investigation of defect chemistry of simple and doped oxides and of zeolites
Name and address of working place	Institute of Physical Chemistry of Romanian Academy, Spl. Independentei 202, Bucuresti, Romania
Type of activity	Research
Period	1984-1990
Function or position	Research assistant

Main activities and responsibilities	Catalyst preparation, characterization, surface chemistry and fabrication of catalytic sensors
Name and address of working place	Institute of Physical Chemistry of Romanian Academy, Spl. Independentei 202, Bucuresti, Romania
Type of activity	Research
<i>Period</i>	1982-1984
Function or position	Chemist
Main activities and responsibilities	Preparation and characterization of nuclear fuels based on U and Th
Name and address of employer	Institute of Nuclear Reactors, Pitesti (Mioveni), Romania
Type of activity	Research

Education

Period	1992-1996
Qualification / diploma	Doctor in Chemistry (PhD)
Main disciplines studied / professional abilities acquired	Physical chemistry, catalysis, defect chemistry of simple and doped oxides
Name of institution	Romanian Academy, Institute of Physical Chemistry

Period	1981 - 1982
Qualification / diploma	Specialization diploma in Physical Chemistry
Main disciplines studied / professional abilities acquired	Physical Chemistry, Reaction kinetic, catalysis
Name of institution	Polytechnic Institute of Bucharest, Faculty of Chemistry

Period	1977-1981
Qualification / diploma	Diploma in Chemistry
Main disciplines studied / professional abilities acquired	Chemistry
Name of institution	Polytechnic Institute of Bucharest, Faculty of Chemistry

Aptitudes and professional abilities

	Research stages at:
Denomination	UNESCO fellowship
Period	10.1991 - 08.1992
Institution name	Tokyo Institute of Technology, Department of Natural Resource Utilization
Location	Tokyo, JAPAN
Denomination	Invited professor
Period	10.1997 - 01.1998
Institution name	Tokyo Institute of Technology, Department of Chemical Engineering and Environment
Location	Tokyo, JAPAN
Denomination	Post-doc fellowship
Period	04.1998 - 01.1999
Institution name	University "Pierre et Marie Marie Curie", Laboratory of Nanomaterials and Catalysis
Location	Paris, FRANCE

Denomination Invited professor
 Period 01. 1999 – 05. 2000
 Institution name Tokyo Institute of Technology, Department of Chemical Engineering and Environment
 Location Tokyo, JAPAN

Denomination JSPS post-doc fellowship
 Period 07. 2000 – 03. 2002
 Institution name Tokyo Institute of Technology, Department of Chemical Engineering and Environment
 Location Tokyo, Japan

Denomination "Grant in Aid" post-doc fellowship from Ministry of Education, Science and Technology of Japan
 Period 07. 2002 – 03. 2005
 Institution name Tokyo Institute of Technology, Department of Chemical Engineering and Environment
 Location Tokyo, Japan

Denomination Invited professor
 Period 11. 2004 -02. 2005
 Institution name Tokyo Technical University
 Location Tokyo, JAPAN

Mother tongue Romanian

Known foreign languages

Autoevaluation
 European level (*)

English

French

hungarian

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Experimented user	C1	Experimented user	C1	Experimented user	C1	Experimented user	C1	Experimented user
B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user
B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user

(*) [Common European Framework of Reference for Languages](#)

Socials abilities and competences
 Management competences

Good relationship with colleagues, researches from my institute, national and international universities. Good relationship with students I worked with.

Management experience:

- Director for four national projects (ANCS si CNCSIS), participant at an international grant with Tokyo Institute of Technology
- Member at National Commission of Chemistry and Engineering Chemistry
- Scientific Secretary at Institute of Physical Chemistry

Scientific and technical competences

Publications

- chapters in 5 published books published by foreign publishers;
- over 90 publications in ISI journals

Hirsch index = 18

Number of citations >1000 (January 2019)

PC user competences

PC user for specific programs

Other competences and aptitudes

- Romanian Academy award Nicolae Teclu for research for "Catalytic sensors for measurement of explosion hazards Senzori catalitici pentru determinarea pericolului de explozie" (1997)
- Expert at European Commission for evaluation of research programs FP 7 and Horizon 2020.

Driving licences

A, B

Anexe

Publication list

Bucuresti
September, 2020

Dr. IOAN BALINT

