

## curriculum vitae

### Personal information



Surname(s) / First name **AGACHI PAUL SERBAN**  
Address Palapye Private Bag 16, Plot No. 100071  
Telephone 1 +267- 4931628  
Telephone 2 +40- 264405300  
E-mail(s) [agachip@biust.ac.bw](mailto:agachip@biust.ac.bw); [serban.agachi@ubbcluj.ro](mailto:serban.agachi@ubbcluj.ro)  
Nationality Romanian  
Date of birth 21 October 1947  
Gender Male

### Occupational field **University professor**

#### Work experience

Dates	1970-1972
Occupation or position held	Design Engineer
Main activities and responsibilities	Projects for Chemical and Process Industry
Name and address of employer	<b>IPROSIN</b> Bucuresti, Piata C.A. Rosetti nr.2, Bucuresti, Romania
Type of business or sector	Chemical Industry
Dates	1972-1973
Occupation or position held	System Analyst
Main activities and responsibilities	Projects for computer controlled plants in the Chemical and Process Industry
Name and address of employer	<b>MICH, Computer Center</b> , Splaiul Independentei nr. 202, Bucuresti, Romania
Type of business or sector	Chemical Industry
Dates	1973-1980
Occupation or position held	Researcher
Main activities and responsibilities	Fuel cells, Electrochemical Processes, Projects for Chemical and Process Industry
Name and address of employer	<b>Institutul de Energetică Chimică și Biochimică (IECB), Babes-Bolyai University branch</b> , Cluj-Napoca, Str. M. Kogalniceanu nr.1, Romania
Type of business or sector	Scientific research
Dates	1980-1990
Occupation or position held	Lecturer
Main activities and responsibilities	Teaching Chemical Process Control, Optimization, Projects for Chemical and Process Industry

Name and address of employer	<b>Babes-Bolyai University</b> , Cluj-Napoca, Str. M. Kogalniceanu nr.1, Romania
Type of business or sector	Education and Scientific research
Dates	1990-1994
Occupation or position held	Associate Professor
Main activities and responsibilities	Teaching Chemical Process Control, Optimization, Projects for Chemical and Process Industry
Name and address of employer	<b>Babes-Bolyai University</b> , Cluj-Napoca, Str. M. Kogalniceanu nr.1, Romania
Type of business or sector	Education and Scientific research
Dates	1994- 2016
Occupation or position held	Professor
Main activities and responsibilities	Teaching Chemical Process Control, Optimization, Artificial Intelligence, Mathematical modelling and Simulation, Projects for Chemical and Process Industry
Name and address of employer	<b>Babes-Bolyai University</b> , Cluj-Napoca, Str. M. Kogalniceanu nr.1, Romania
Type of business or sector	Education and Scientific Research
Dates	1991-1992
Occupation or position held	Visiting Associate
Main activities and responsibilities	Research in Modelling, Simulation and Advanced Control Projects for Process Industries
Name and address of employer	<b>California Institute of Technology, Pasadena</b> , CA, USA
Type of business or sector	Education and Scientific Research Member of the <b>American Institute of Chemical Engineers</b>
Dates	April-May 1994
Occupation or position held	Visiting professor
Main activities and responsibilities	Teaching
Name and address of employer	<b>Eötvös Lorand University</b> , Budapest, Hungary
Type of business or sector	Education
Dates	1996-2001
Occupation or position held	General Chancellor
Main activities and responsibilities	Strategic Planning, Management, Structure, Reform, Charter of the University Member of the National Commission of Quality Assurance in Higher Education
Name and address of employer	<b>Babes-Bolyai University</b> , Cluj-Napoca, Str. M. Kogalniceanu nr.1, Romania
Type of business or sector	Education
Dates	2001- 2007
Occupation or position held	Vice rector
Main activities and responsibilities	Strategic Planning, Management, Reform, Quality Assurance, Research of the University
Name and address of employer	<b>Babes-Bolyai University</b> , Cluj-Napoca, Str. M. Kogalniceanu nr.1, Romania
Type of business or sector	Education
Dates	August 2000 - September 2003
Occupation or position held	<b>Higher Education consultant</b>
Main activities and responsibilities	<b>Reform of the Higher Education in Northern Iraq</b>
Name and address of employer	<b>UNESCO</b> Baghdad, program Oil for Food
Type of business or sector	Higher Education Management

Dates	2004
Occupation or position held	Member of the project "Design of the Methodology of Drawing the Romanian Strategy of Research 2007-2013"
Main activities and responsibilities	Design a methodology for assessment and design a strategy of Romanian research sector
Name and address of the employer	<b>UEFISCDI (Executive Unit for Funding HE and Scientific Research)</b> Bucharest
Dates	2005 - 2006
Occupation or position held	Coordinator of the Working Group WP2 – "Diagnosis of the RDI system in Romania", in the project "Romanian RDI Strategy 2007-2013"
Main activities and responsibilities	Member of the Working Group WP4 – "Strategy of RDI system in Romania", in the project "Romanian RDI Strategy 2007-2013"
Name and address of the employer	<b>UEFISCDI (Executive Unit for Funding HE and Scientific Research)</b> Bucharest
Occupation or position held	HE expert for education policy in Moldova
Main activities and responsibilities	HE policy
Name and address of the employer	<b>Institute for Public Policies (IPP)</b> Chisinau
Dates	2007 – 2011
Occupation or position held	President of the Academic Council of Babes-Bolyai University/President
Main activities and responsibilities	Strategies and policy of the university
Name and address of employer	<b>Universitatea Babes-Bolyai</b> , Cluj Napoca
Occupation or position held	Appointed member of the <b>Advisory Board of Romanian Agency for Quality Assurance in Higher Education (ARACIS)</b> (2007-2010 and 2014 - present)
Main activities and responsibilities	Elected member of the <b>Romanian Agency for Quality Assurance in Higher Education (ARACIS) Council</b> (2010 - 2013). Higher Education Management, Evaluation and Accreditation
Name and address of employer	Evaluation and accreditation of study programs and universities <b>ARACIS</b> Bucharest ( <a href="https://www.aracis.ro/en/about-aracis/">https://www.aracis.ro/en/about-aracis/</a> )
Dates	2009 - 2011
Occupation or position held	Coordinator of the WP3 and expert – "Methodology of differentiate/ classify the universities in Romania" in the strategic project "Quality and leadership"
Main activities and responsibilities	Coordinator of the WP3 and expert – "Program of Research Excellence in the universities in Romania" in the strategic project "Doctorates in Schools of Excellence"
Name and address of employer	Coordinator Regional Center of Competence in University Management and expert POSDRU project "IMU (Improvement of the University Management)" Romanian Strategy for Higher Education. Strategic POSDRU programs <b>UEFISCDI</b> Bucharest
Occupation or position held	Director of the project "Rețea Integrată de Cercetări Interdisciplinare (Integrated Network of Interdisciplinary Research)" 2011-2013, Modul Capacități mari, value 55.728.722,29 RON (12.4 M Euros)
Dates	2012 - 2015
Occupation or position held	Director of research project <i>Pro-active operation of cascade reservoirs in extreme conditions (floods and droughts) using Comprehensive Decision Support Systems (CDSS). Case study: Jijia catchment</i> , 2011, 3.000.000 RON (750,000 Euros)
Main activities and responsibilities	Provide a solution for preventing the effects of flood and drought
Name and address of employer	<b>UEFISCDI</b> Bucharest
Occupation or position held	Director of the project <i>Assuring national electronic access to scientific literature for supporting and promoting the research and education system in Romania</i> , May 2013-2015, value 150.000.000 RON

(33.3 M Euros)

Main activities and responsibilities	Coordination of the national projects with 80 partners universities and research institutes
Name and address of employer	<b>ANELIS</b> (Association of Universities and Research Institutes for Access to E-Literature), Iassy, Romania
Occupation or position held	Visiting professor at Kazakh British Technical University, Almaty, Kazakhstan, March - May 2013 Full professor at Kazakh British Technical University, Almaty, Kazakhstan, October 2013
Main activities and responsibilities	Process Control, Optimization, University Management
Name and address of employer	<b>Kazakh British Technical University</b> , Almaty, Kazakhstan
Occupation or position held	Counsellor of the Rector of the University of Bucharest
Main activities and responsibilities	Strategic management, University rankings, Organization of trainings for QA in the university, policy for good positioning of UB in international rankings
Name and address of employer	<b>University of Bucharest</b>
Dates	2023 - present
Occupation or position held	Professor Emeritus at University Babeş-Bolyai (UBB), Romania
Main activities and responsibilities	Teaching, Research, PhD supervision
Name and address of employer	<b>University Babeş-Bolyai (UBB)</b> , Cluj-Napoca, Romania
Dates	2015 – 2023
Occupation or position held	Full Professor at Botswana International University of Science and Technology (BIUST)
Main activities and responsibilities	Teaching, research
Name and address of employer	<b>Botswana International University of Science and Technology (BIUST)</b> , Palapye, Botswana

## Education and training

Dates	1996 – 2012
Title of qualifications awarded	University manager
Principal subjects/Occupational skills covered	Academic management, financial management, human resource management, research management, strategic planning, operational planning
Name and type of organization providing organization and training	Program of Reform of Higher Education in Romania, PHARE program, 1997 – 2000 Program Building Bridges for Higher Education (USA - Association of Colleges of the South – Association of Carpathian Region Universities), 1997 EUA program of evaluation of universities, 2003 – 2004 MATRA program for Quality Assurance, 2000-2003 EUA program Quality Culture in Higher Education Institutions– Metropolitan University of Leeds
Dates	1976-1984
Title of qualification awarded	PhD Chemical Engineering
Principal subjects/Occupational skills covered	Thesis: Modelling and control of the fuel cells with petrochemical combustibles
Name and type of organisation providing organisation and training	University for Petroleum and Gas, Ploiesti, Romania
Level in national or international classification	ISCED 6
Dates	1970-1965

Title of qualification awarded Bachelor/Master of Control Engineering  
Principal subjects/Occupational skills covered - measurement and control techniques  
Name and type of organisation providing organisation and training University Politehnica Bucuresti, Faculty of Automatic Control, Romania  
Level in national or international classification ISCED 5  
Dates 1965-1961  
Title of qualification awarded Bacalaureate  
Principal subjects/Occupational skills covered General education  
Name and type of organisation providing organisation and training National College Sfantu Sava, Bucuresti, Romania  
Level in national or international classification ISCED 3

**Personal skills and competences**

Mother tongue(s) **Romanian**

Other language(s)  
Self-assessment  
European level (\*)

**English**  
**German**  
**French**  
**Russian**

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
C2	C2	C2	C2	C2
B2	B1	B2	B2	B2
C1	C1	C2	B2	B1
A2	A2	A2	A1	A2

(\*) Common European Framework of Reference (CEF) level

Social skills and competences Teamwork, interpersonal skills, communication, responsibility, intercultural skills, conflict management, negotiations.

Organisational skills and competences Systemic thinking, problem identification, problem solving, research and development project evaluation, planning skills, foresight planning, resources management, time management.

Technical skills and competences - System theory, computer aided design, process control, modelling, simulation, applied artificial intelligence, programming, general chemical engineering;

Computer skills and competences Microsoft Office, Internet, MatLab, Simulink, Primavera

Artistic skills and competences History of music, history of fine arts, writing

Other skills and competences Sports: national champion in yachting in 1973, skiing, football, skating, basketball, hiking and climbing, good orientation in space.

Driving licence(s) B category

## Additional information

Publications: over 250 scientific papers (over 100 ISI journals articles indexed, over 70 ISI proceedings, over 2800 citations, Hirsch 25, i-10 index 63), 9 invention patents, over 100 conferences, 13 books (4 in the field of university and research management), 3 student textbooks, 2 monographs; **specialty books, edited at De Gruyter and Wiley VCH, in over 2000 libraries in the world (according to World Cat statistics).**

30 country and international papers on University management, Evaluation, Assessment, Ranking, Multicultural aspects and organization

Correspondent Member of the **Academy of Technical Sciences of Romania** (since 2005)

Member of the Technical Committee Chemical Process Control of **International Federation of Automatic Control (IFAC)** (since 2006)

Member of WP Computer Aided process Engineering of the **European Federation of Chemical Engineering** (2008 - 2018)

Visiting professor at **Pannon University, Veszprem, and Eotvos Lorand University Budapest, Hungary (1991, 1994), Universidad Mayor de San Marcos de Lima, Universidad Nacional de Ingenieria Lima, Universidad San Antonio Abad, Cuzco, Peru (2007), University Kebangsaan, Banji, Malaysia (2013), Kazakh British Technical University, Almaty, Kazakhstan (2013, 2014, 2015)**

Member of the **Council for Quality Assurance** of the Ministry of Education (1998-2000)

Member of **International Ranking Expert Group (IREG)** of the universities (since 2006) and of its **Observatory** (2008 - 2018)

President of the **Association of Carpathian Region Universities (ACRU)** (since 2009)

Awarded with National Order for Merit (Pentru Merit) in rank of Comandor (2000) and Mare Ofiter (2008)

Member of the Council of Honour of the National Order "Pentru Merit" (2005-2008)

Awarded with Diploma of Honour and "Emilian Bratu" Medal of Romanian Society of Chemistry (2007) for contributions to the development of Chemical Engineering in Romania

Awarded with the Romanian Academy Prize, Section Information Science and Technology, for the book "Model Based Control. Case Studies in Process Engineering", Wiley-VCH (2006); authors P.S. Agachi, Z.K. Nagy, M.V. Cristea, A. Imre-Lucaci

Awarded with the Romanian Academy Prize, Section Chemical Sciences, for the book "Conversia electrochimica a energiei", autori L. Oniciu, E. Schmidt, A. Soo, S. Agachi, V. Topan, Ed.St.si Enciclopedica, Bucuresti, 1976,

Multicultural organization of Babes-Bolyai University of Cluj-Napoca, Romania, 1997;

Member of the parity commission for the negotiations of the multicultural structure of the university;

Coordinator of the Charter of the University, 2000, 2003; 2011

Coordinator of the Strategic Plan of Babes-Bolyai University of Cluj-Napoca 1999, 2004; 2008

Panel member for evaluation of the universities in Kazakhstan

Invited speaker at ARWU, IREG, UNICA, ESMU, DEAN, EUA, Malaysia Forum for Autonomy and Governance, Santander Group, Uni Indonesia DEPOK conferences

2 UNESCO papers on Higher Education on Iraqi Kurdistan in the program Oil for Food (2001, 2002)

1 UNESCO paper on Rapid Needs Assessment on Iraqi Higher Education, 2003

1 UNESCO Experts Report – "Education development and cooperation in Europe, What prospects for UNESCO", UNESCO Division for Strategies Building, 2008, ED/EPS/2008/PI/1

Symphonic music seminars for students (1975-1985);

**Romanian National Champion in sailing** (1973) and several times vice champion