

# CURRICULUM VITAE

**Name** PARVULESCU  
**Forename** VASILE

**Position** Professor, Director of the Department of Organic Chemistry, Biochemistry and Catalysis  
Director of the Center of Catalysis and Catalytic Processes

**Institution** University of Bucharest, Faculty of Chemistry, Department of Organic Chemistry, Biochemistry and Catalysis

**Permanent address** B-dul Regina Elisabeta 4-12, Bucharest 030018, Phone: + 4021 4100241;  
Fax: + 4021 4100241

**Place of birth** Bucharest  
**Date of birth** 25 August 1954  
**Citizenship** Romanian

**Degrees** *Graduate*: June 1978, IPolitehnic Bucharest, Faculty of Chemical Technology, Chemistry  
*Master*: June 1979, IPolitehnic Bucharest, Faculty of Chemical Technology, Chemistry, in Catalysis  
*PhD*: November 1986, IPolitehnic Bucharest, Faculty of Chemical Technology, in Catalysis  
*Title* : Study of the correlation between the physico-structural properties and the activity and the selectivity of the supported bimetallic catalysts, Supervisor: Prof.Dr.Doc. I.V.Nicolescu

**Previous Positions :** Intreprinderea Vega: 1979 – 1980 Chemist  
IMNR Bucharest: 1980 -1983 Researcher  
1983-1987 Signor researcher  
1987- 1991 High signor researcher

University of Bucharest: 1991-1999 Associate Professor  
1999 Full Professor

**Experience:** Inorganic syntheses  
Environmental Catalysis  
Catalysts syntheses (sol-gel preparation, embedded colloids, mesoporous catalysts)  
Catalytic processes (hydrogenation, oxidation, environmental catalysis, catalysis on membranes, valorisation of biomass)  
Catalysts characterization  
Laser and Plasma Chemistry

**Member of professional societies:** President of The Romanian Catalysis Society  
*Member of:* Organic Reactions Catalysis Society, USA  
International Society of Mesoporous and Macroporous Materials

**Prizes:** The Prize of The Romanian Academy on 1990  
Proclaimed Knight of the National Order for Merit by the Romanian President

**Publications** 3 books: - V.I. Parvulescu, V. Parvulescu, E. Angelescu, Non-Conventional Catalysts and Catalytic Reactions, Ed. Univ. Bucharest, 2000  
- V.I. Parvulescu, S. Coman, Asymmetric Catalysis, Ed. Univ. Bucharest, 2002  
- P. Granger, V.I. Parvulescu (Eds) Past and Present in deNOx Catalysis: From Molecular Modelling to Chemical Engineering, Elsevier, Amsterdam, 2007.

216 papers ISI: from which:  
- 27 in Journals of the Romanian Academy of Sciences,  
- 189 in International journals  
- 7 monographies in international books and in Chem. Rev.  
- 131 contributions in Proceedings' in International Conferences  
- 25 accepted Patents  
- 15 plenary and key-note lectures in International Conferences  
- over 50 Oral Presentations in International Conferences  
- over 2700 citations in ISI journals  
Individual impact Factor: > 200  
Hirsch Factor: 22

**Projects:** **Director** of 109 Romanian Projects, 10 International Projects: 2 NATO, one FP6 (CONCORDE), 9 inter-governmental: 3 with Katolieke Universiteit Leuven (Belgium, Flemish), 3 with Universite Catholique de Louvain (Belgium, Wallonie), one with University Thessaloniki (Greece), one with University of Ljubljana (Slovenia), and one with the Institute of catalysis Pune (India)

**Fellowships** Alexander von Humboldt fellowship 1997, Max Planck, Muelheim, Germany  
Fellow EU, PECO, Universite Catholique de Louvain, Unite de Catalyse et des Materiaux Divises, Louvain-la-Neuve, 1993  
Fellow, Universite Catholique de Louvain, Unite de Catalyse et des Materiaux Divises, Louvain-la-Neuve, 1994  
NATO fellow, Universite Catholique de Louvain, Unite de Catalyse et des Materiaux Divises, Louvain-la-Neuve, 1994

### **Member of Scientific Boards**

President of the Division 1 for Mathematics and Nature sciences of the Romanian National Council for research (CNCSIS) 2000-2011  
Member of the Board of Applied Catalysis A General 2010  
Member of the board of Revue Roumaine de Chemie  
Member of the DC board of the COST Domain: CHEMISTRY AND MOLECULAR SCIENCES AND TECHNOLOGIES 2000-2011  
Member of the management committees of the Cost actions: D12, D24, D29, D41  
Rapporteur of the COST actions D33, D36 and D40  
Member of the board of several International Conferences (European Association of the Zeolites, International Congress of Mesoporous and Mesostructured Materials, International Conference of Catalysis, European Congress of Catalysis)

### **Guest Professor**

Institute of Coal Chemistry, Taixuan, China  
Laval Universite, Quebec, Canada  
Univerite de Lille (2002 si 2006)  
Universite Catholique de Louvain  
RTWH Aachen

### **Invited lecturer**

Ecole Polytechnic de Lausanne, Swiss  
Universite Catholique de Louvain, Belgium  
Katholieke Universitet Leuve, Belgium  
Institute of Coal Chemistry Taixuan, China  
Pennsilvania State University, Philadelphia, USA  
Eindhoven University, Eindhoven, The Netherlands  
Technische Universitet, Aachen, Germany  
Hereus BmbH, Hanau, Germany  
Laval Universite, Quebec, Canada  
Utrecht University, The Netherlands  
LG Company, South Korea  
Samsung Company, South Korea  
RTWH Aachen

### **Evaluator**

COST, ESF, NSF (USA), CNRS (FRANCE), IRELAND, Czech