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## ***CURRICULUM VITAE***

**Sorin ROSCA**

Emeritus Professor of Organic Chemistry  
Department of Organic Chemistry “C.D.Nenitescu”  
“Politehnica” University of Bucharest (UPB)  
313, Splaiul Independentei, Bucharest  
Romania

Private address: 43, Bul. Uverturii, ap. 133  
Bucharest, Sector 6  
Romania

Phone (+4021)7716723  
e-mail [si\\_rosca@yahoo.com](mailto:si_rosca@yahoo.com)

Born February 13, 1938 in Blaj (Romania)

### **UNIVERSITY EDUCATION**

Chemical Engineer (MS), Faculty of Industrial Chemistry, Polytechnic Institute of Bucharest (at present “Politehnica” University of Bucharest), 1960  
Research training stage, Technical University of Trondheim, Norway, 1966  
Ph.D. in Chemistry, Polytechnic Institute of Bucharest, 1971; Adviser Costin D. Nenitescu and Margareta Avram

### **POSITIONS AT DIFFERENT UNIVERSITIES**

“Politehnica” University of Bucharest: Professor Emeritus 2012 – present;  
Professor, 1990 – 2012;  
Reader 1974 – 1990;  
Lecturer 1970 – 1974;  
Professor Assistant 1960 – 1970.

University of Bucharest, 2000 - 2004

Kyu-shu University Fukuoka, Japan, 2002: Lectures of Organic Chemistry , Applied Spectroscopy (MS courses)

University Paris Sud (Orsay)  
University "P.Sabatier" Toulouse  
University of Orleans  
University of Caen (France, 1998 – 2012): Advisor for Ph.D. students, in collaboration with French colleagues ("co – tutelle")

## PROFESSIONAL BOARDS AND COMMITTEES

### Editorial Boards

Member of the Editorial Board of the following chemical journals:

"*UPB Scientific Bulletin*" Bucharest, 1986 – present

"*Molecules*" (Switzerland), 1998 – 2002

"*Revista de Chimie*" (Bucharest), 2004 – present

"*Ovidius*" *University Annals of Chemistry*, 2004 – present

"*Bacau University Annals of Chemistry*", 2006 – present

### Scientific Conferences

Chairman of the *International Conference of the South – Eastern European Countries (ICOSECS)* Bucharest, 2002 and 2010

Member of the Council of the Conference for *ICOSECS*: Halkidiki, Greece, 2000; Belgrade, Serbia, 2004 and 2012; Sofia, Bulgaria, 2008

Chairman of the *Romanian International Conference on Chemistry and Chemical Engineering (RICCCE)*, Sinaia, Romania, 2011

Member of the International Scientific Committee of *RICCCE*, editions I – XVI and XVIII

Member of the International Scientific Committee of the "*Colloque Franco – Roumain de Chimie Appliquee*" Bacau, Romania, 2002, 2004, 2008 and 2012, Clermont – Ferrand France 2006, Orleans, France, 2010

Member of the International Scientific Committee of the International Workshop "*Challenges in Food Chemistry*", Constanta, Romania, 2010

Member of the Organizing Committee of the *National Chemistry Conference*, Ramnicu Valcea, 1990 – 2012

President of the Organizing Committee of the *National Chemistry Conference*, Ramnicu Valcea, 2014

Organizer of the *International Summer School on NMR*, Brasov, Romania, 1995

### High school Education in Chemistry

Chairman of the Romanian National Chemistry Olympiads, 1987 – 1990

Member of the International Jury of the International Chemistry Olympiads: Budapest, 1987; Helsinki, 1988; Halle, 1989; Moscow, 1996

Chairman of the International Jury of the Balkan Chemistry Olympiad, Bucharest 1986 and 2004

Chairman of the Scientific Jury of the Romanian National Contest in Chemistry "*C.D. Nenitescu*", 1993 – present

### **Positions in UPB**

Dean of the Faculty of Chemical Technology, 1979 – 1986

Vice – Rector of the Polytechnic Institute of Bucharest (at present UPB), 1987 -1988 and 1990 – 1992

Head of the Organic Chemistry Department , 1990 – 2004

Member of the UPB Senate, 1974 – 2012

### **VISITING PROFESSORSHIPS**

Visitig Professor, “P.Sabatier” University, Toulouse, France, 1996

Visitig Professor, “Kyu-shu” University, Fukuoka, Japan, 2002

### **Invited Lectures :**

In Romanian universities: “G.Asachi” Technical University Jassy; University of Bacau; “Ovidius” University Constanta; “Babes – Bolyai” University, Cluj – Napoca; Polytechnica University Timisoara; University of Petroleum and Gases Ploiesti; “A. Vlaicu” University Arad; 1990 – 2012

Invited from abroad: Technical University of Darmstadt, Germany, 1992, 1994; Technical University of Istanbul, Turkey, 1993; University of Edirne, Turkey, 1993; Coventry Polytechnic, UK, 1994; University of Lille, France, 1993; “P.Sabatier” University, Toulouse, France, 1996; Case Western Reserve University, Cleveland Ohio, USA, 2001; University of Hakata, Japan, 2002; University of Hiroshima, Japan, 2002; University of Saga, Japan, 2002; University of Kumamoto, Japan, 2002; University of Kita-kyushu (Kokura) Japan, 2002; University of Orleans, France, 2006; “B.Pascal” University of Clermont – Ferrand, France, 2006; “Servier” Institute, Paris, France, 2008; Berkeley University, California, USA, 2013; Technical University Berlin, Germany, 2014; Free University, Berlin, Germany, 2014; Technical University Braunschweig, Germany, 2014; University of Leipzig, Germany, 2014.

Invited Speaker at the ACS National Meeting, New-Orleans, USA, 2013

Invited Plenary Lectures in the International Conferences from Halkidiki, Greece, 2000; Bacau, Romania, 2002; Belgrade, Serbia, 2004; Bucharest, 2006, Constanta, 2010, 2012, Sinaia, 2011, 2013, Romania.

### **MEMBERSHIP IN SCIENTIFIC ORGANIZATIONS**

Romanian Chemical Society (SChR), since 1993

Romanian Chemical Engineering Society, since 1994

Federation of European Chemical Societies (FECS); Member of the General Assembly representing SChR, 2002 – 2004

European Association for Chemistry and Molecular Sciences (EuCheMS); Member of the General Assembly representing SChR, since 2004

## **POSITIONS IN NONACADEMIC ORGANIZATIONS**

Member of the Council of the Ministry of Romanian Chemical Industry, 1980 – 1986  
Member of the Romanian Council of Titles, Diplomas and Certificates 1990 – 1997, 2000 – 2004  
Member of the Romanian National University Research Council (CNCSIS), 1993 – 2001  
Member of the Scientific Council of the National Medicines Agency 2001 – 2004  
Permanent Expert of the Romanian Agency for Quality Assurance in Higher Education, 2006 – 2011  
Vice President of the Romanian Chemical Society, 1993 – 2001  
President of the Romanian Chemical Society, 2001 – present

## **SCIENTIFIC AWARDS AND HONORS**

Member of the Romanian Academy of Technical Sciences, since 2001  
Member of the *L'Academie des Sciences, Inscriptions et Belles Lettres*, Toulouse, France, since 2009  
Prize of the Romanian Ministry of Education, 1984  
Prize of the Romanian Chemical Journal "*Revista de Chimie*", 2003  
Doctor Honoris Causa of the "Ovidius" University, Constanta, Romania, 2007  
"*Opera Omnia*" Award of the "Politehnica" University of Bucharest, 2007  
"*Ordinul Muncii*", 3-rd class (Romanian Order for professional merits), 1984  
Knight of the Order "*Serviciul Credincios*" (Romanian Order for professional merits), 2003  
Knight of the Order "*Palmes Academiques*" (French Order for academic merits), 2004  
"*Honorary Citizen*" of Tarnaveni city, Romania, 1996

## **RESEARCH INTERESTS**

Chemistry of the Arene – chromium Complexes  
Stereo selective Reactions  
Organic Electrochemistry  
Reaction Mechanisms in Organic Chemistry  
Food Authentication using Physical Methods