

CURRICULUM VITAE

PERSONAL INFORMATION

Name: Pavol Šajgalík
Position: President of the Slovak Academy of Sciences
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Nationality: Slovak
Date of birth: 30. 06. 1955

EDUCATION

prom. fyz. (MSc) Department of Experimental Physics, Comenius University, Bratislava, 1979
RNDr. Department of Experimental Physics, Comenius University, Bratislava, 1981
CSc. (PhD) Institute of Physics, Slovak Academy of Sciences, Bratislava, 1987
DrSc. (DSc) Institute of Inorganic Chemistry, Slovak Academy of Sciences, Bratislava, 1996
Docent (Assoc. Prof.) Technical University of Košice, Košice, 1998
professor (Full Professor) Trenčín University of Alexander Dubček, Trenčín, 2004

WORK EXPERIENCE

Employer: Institute of Inorganic Chemistry SAS, since 1979 till now
Presidium of the Slovak Academy of Sciences, since 2013 till now

Position: Member of the Institute of Inorganic Chemistry SAS management:
Scientific secretary of the institute and deputy chairman of the scientific board of the institute, 1992 – 1995
Deputy director of the institute, 1995 – 1999
Director of the institute, 1999 – 2013
Vice-President of the Slovak Academy of Sciences, 2013-2014
President of the Slovak Academy of Sciences, since 2015 till now

Research position: senior research scientist

Research activity: Oxide and non-oxide structural ceramics, ceramic (nano)composites, microstructural design, relationship between microstructure and properties

Awards:

Slovak Academy of Sciences Award (member of team)	1985
Institute of Inorganic Chemistry Award for Young Scientists	1986, 1988
World Academy of Ceramics – Academician (elected)	1999
Golden Medal of the Incheba International Fair Bratislava for the exhibit: Ceramic Cutting Tools with Prolonged Lifetime	2004
Golden Medal of the Incheba International Fair Bratislava for the exhibit: Ceramic Composite with Self-Detection Ability	2005
Learning Society of Slovak Academy of Sciences (member elect)	2005
Plaque of Dionýz Ilkovič for Merits in the Physical-Chemical Sciences, Slovak Academy of Sciences	2005
Medal of the Faculty of Food and Chemical Technology, Slovak Technical University, Bratislava	2005
Medal of the Faculty of Industrial Technology, University of Trenčín, Trenčín	2006
Silver Medal of Maximilian Hell, University of Trenčín, Trenčín	2007
Award: Scientist of the Year 2006 in the Slovak Republic	2007
Award: Contribution to the Productivity, Ministry of Economy of the Slovak Republic	2007
Slovak Academy of Sciences Award (head of team)	2008
Memorial Medal of University of Technology, Ostrava, Czech Republic	2009
Fellow of the American Ceramic Society	2010
Bronze Medal – Invention Show and Technomart, Taipei, Taiwan	2012
Fellow of the European Ceramic Society	2013
Stuijts Award of the European Ceramic Society	2013
Slovak Republic State award: Order of Ľudovít Štúr of III. Class	2015
Honorary doctorate, Technical University in Ostrava, Czech Republic	2015
Honorary Medal of Jan Slavik, Slovak Geological Society	2015
Medal of the Slovak Chemical Society	2015
Award: Lee Hsun Lecture Series on Materials Science, Institute of Metal Research of the Chinese Academy of Sciences and Shenyang National Laboratory for Materials Science	2016
Bridge Building Award, American ceramic Society	2017

International cooperation	<p>Karlsruhe Institute of Technology, Institute of Engineering Ceramics, Karlsruhe, Germany, since 1995</p> <p>TU Darmstadt, Department of Geo and Materials Sciences, Germany, since 1994</p> <p>National Institute of Advanced Industrial Science and Technology (AIST), Japan, since 1997</p> <p>Northwestern Polytechnic University, Xi'An, China, since 2014</p>
Publication activity:	<p>>180 WOS journal articles</p> <p>13 scientific books, co-author, co-editor</p> <p>45 proceedings articles</p> <p>5 internal reports</p> <p>3 patents</p> <p>2 scripts for the university students, co-author</p> <p>4 guest editor of special issues of the international journals</p> <p>97 invited lectures at international scientific symposia and conferences</p> <p>>2100 WOS, > 2300 SCOPUS citations</p> <p>H-index 23 WOS, 24 SCOPUS, 29 Google Scholar</p>
Education responsibility:	<p>Internal PhD students, successfully defended:</p> <p>Miroslav Hnatko, Slovak Republic, 1998 – 2001</p> <p>Peter Lichvár, Slovak Republic, 1996 – 2002</p> <p>Miroslav Balog, Slovak Republic, 1999 – 2003</p> <p>David Salamon, Czech Republic, 2001 – 2005</p> <p>Ján Křesťan, Czech Republic, 2002 – 2006</p> <p>Štefánia Lojanová, Slovak Republic, 2004 – 2009</p> <p>Ľubomír Hric, Slovak Republic, 2005 – 2008</p> <p>Tomáš Plachký, Czech Republic, 2006 – 2009</p> <p>Linda Kipsová, Slovak Republic, 2006 – 2009</p> <p>Františka Frajkorová, Slovak Republic, 2007 – 2011</p> <p>Ondrej Hanzel, Slovak Republic, 2010 – 2014</p> <p>Roman Bystrický, Slovak Republic, 2010 – 2014</p> <p>Michal Vetrecin, Slovak Republic 2012- 2018</p> <p>External PhD students, successfully defended:</p> <p>Emmanuel Lecomte, France, 1996 – 1999</p> <p>Viera Petrušková, Slovak Republic, 2000 – 2007</p> <p>Dagmar Galusková, Slovak Republic, 2006 – 2010</p>

Sabine Pichlbauer, Austria, 2007 – 2010

Christina Atzenhofer, Austria, 2011 – 2019

participation in committees for PhD defense

Vice-chairman of the Committee in Charge for PhD and DSc in the field of Inorganic Technology and Materials at Chemical-Technological Faculty, Slovak Technical University, Bratislava, since 1998

Long and middle term stays and professional activities

Max-Planck-Institut für Metallforschung, Pulvermetallurgisches Laboratorium, Stuttgart, Germany, Visiting Scientist (DAAD fellowship), november 1989

Max-Planck-Institut für Metallforschung, Pulvermetallurgisches Laboratorium, Stuttgart, Germany, Visiting Scientist (Alexander von Humboldt fellowship), 1991 – 1992

Max-Planck-Institut für Metallforschung, Pulvermetallurgisches Laboratorium, Stuttgart, Germany, Visiting Scientist (Alexander von Humboldt fellowship), August – October 1994

Rensselaer Polytechnic Institute, School of Engineering, Troy, USA, Visiting Scholar (Alexander von Humboldt fellowship), 1995 – 1996

University of Karlsruhe, Institute of Ceramics in Engineering, Karlsruhe, Germany, Visiting Scientist (Alexander von Humboldt fellowship), April – May 1998, June – July 2000, November – December 2003

University of Karlsruhe, Institute of Ceramics in Engineering, Karlsruhe, Germany, Visiting Professor, (Alexander von Humboldt fellowship), November – December 2004, November – December 2005

National Industrial Institute, Nagoya, Japna, JSPS felowship, September 1994

National Science Foundation of Taiwan, presentations at 5 universities, December 2001

North-western Polytechnic University, Xi'An, China, 12 presentations for the students, October 2014