

CURRICULUM VITAE IVAN CHODAK

Affiliation : Polymer Institute of the Slovak Academy of Sciences

Job status : Senior scientist Department of Composite Materials
Full Professor of Macromolecular Science, Slovak Technical University

Education and Professional career :

- 1960 - 1965** Slovak Technical University, Faculty of Chemical Technology, Bratislava
- 1965 - 1970** Matador, rubber factory, Bratislava
- 1970 -** Polymer Institute, Slovak Acad. Aci., BRATISLAVA
- 1970 - 1973** PhD Student
- 1975** PhD
- 1973 - 1981** Scientist
- 1982 - 2010** Head of Department of Composite Thermoplastics
- 1989 – 1990** Deputy Director
- 1997** DSc
- 2000** Associated Professor of Macromolecular Science
- 2005-2009** Member of Presidium of the Slovak Academy of Sciences
- 2006** Full professor of Macromolecular Science

LEAVES OF ABSENCE

- 1981 - 1982 One-year sabbatical leave at Clarkson University, Potsdam, NY
- 1983 - 1997 Several short-term stays (up to two months), e.g. Techn. Univ. Eindhoven, Univ. Quebec Trois Rivieres, ENSAM Paris, CNR Arco Felice, etc.

AWARDS

- 1989 - Slovak National Prize for excellent results in polypropylene modification (member of a team of 5 scientists)
- 1993 - Silver Medal of Dionýz Štúr for "A Significant Contribution to a Development of Natural Sciences"
- 2003 – Medal of Slovak Academy of Sciences for Achievements in Science

Scientific interests

Multiphase systems with a modified polymeric matrix, synthesis and properties. Crosslinking of polymers, especially polyolefins and rubbers.

Nanocomposites with polymeric matrices, special experience with matrices of biodegradable plastics and rubbers.

Modification of biodegradable plastics, physical, chemical, blending

Electroconductive polymeric composites

Papers :

More than 130 papers in peer reviewed international scientific journals (mainly CC), 8 chapters in monographies, about 100 lectures in scientific conferences (including about 30 invited key and plenary lectures), 12 slovak patents, 3 European patents

Around 900 citations, Hirsch index 14

International cooperation

Extensive international cooperation with universities (Eindhoven, Dresden, Free State University South Africa, Univ Quebec Trois Rivieres, Canada) and with companies on contract basis (Matador-SK, DSM - NL, National Power - UK, GE Plastics - NL, Biomer – Germany, etc., including number of local SMEs)

A member of Editorial Board of *Plasty a kaučuk* (Plastics and Rubber), Czech republic, member of Editorial board of *Bentham Open Macromolecular Journal*

Teaching

15 years teaching the courses on Polymer Physics at Slovak technical University, Faculty of Chemical and Food technology, Bratislava as well as at Trencin University, Faculty of Industrial Technologies, Puchov

Bratislava 12.July .2012

Ivan Chodák