



Lubomir Lapcik, Jr. was born in Bratislava, Czechoslovakia, in 1963. He studied physical chemistry at the Faculty of Chemical Technology of the Slovak Technical University in Bratislava, where he received his M.S. degree in 1986. In 1991, he received his Ph.D. degree in physical chemistry from the same university with a thesis titled "Hyaluronan - Structure, Properties and Applications" (scientific mentors, Prof. V. Kellö and Prof. A. Stasko). In 1995, he became Associate Professor of Physical Chemistry of the Faculty of Chemistry, Technical University of Brno, Czech Republic, where he was lecturing on colloidal and surface chemistry and chemical kinetics. Since 1997 till 2009 he was director of the Institute of Physics and Materials Engineering, Tomas Bata University in Zlin, Czech Republic, where he is currently a full professor of Materials Science and Engineering. In 1991-1992, he was granted a postdoctoral fellowship under Prof. T. G. M. van de Ven and Prof. D. Argyropoulos in the Pulp and Paper Research Center, McGill University, Montreal, Canada, where he worked on problems associated with the stability of colloidal suspensions and solid-state ^{13}C CP MAS NMR spectroscopy. In 1994, he spent six months as a visiting scientist on the Faculty of Pharmaceutical Sciences in Ghent, Belgium, where he worked on problems of photochemical crosslinking of hyaluronan under Prof. J. Demeester, Prof. A. Lauwers, and Prof. D. De Keukeleire. He is a member of the American Chemical Society, the Spectroscopic Society of Jan Marcus Marci, and the American Association for advancement of Science. His research activities have resulted in 76 scientific publications and numerous poster and oral presentations at conferences. His current scientific interest is focused on thin layer plasmachemical modification and the characterization of oriented solid biopolymer surfaces, general materials and colloid science.

CURRICULUM VITAE

Name: Lubomír LAPČÍK, Prof., Ing., PhD.

Occupation: Prof., in the period of 1997-2009 director of the Institute of Physics and Mat. Eng., Fac. of Technology in Zlín, Tomas Bata University in Zlín, Nad Stráněmi 4511, CZ-760 05 Zlín, Czech Republic

Education:

- 1982-1986 – University studies – Ing. (MSc.) – in „Physical chemistry“, Fac. of Chemical Technology (FCHT), Slovak Technical University (STU) Bratislava 1986.
- 1987-1989 – Postgraduate study finished with state exam – „Magnetic resonance spectroscopy“ – FCHT STU Bratislava 1989.
- 1987-1991 – PhD. studies – in „Physical chemistry“ – Center of Chemical Research, Slovak Academy of Sciences, Bratislava 1991.
- 1995 – Habilitation work – Doc. (Assoc. Prof.) – in “Physical Chemistry“, Faculty of Chemistry, Technical University of Brno, 1995.
- 2003 – “Professor” degree – in “Material Science and Engineering”, Brno University of Technology, Faculty of Mechanical Engineering.

Occupations:

- 1986-1987 – Slovak Academy of Sciences, Institute of Inorganic Chemistry, Dúbravská cesta 9, Bratislava, research scientist.
- 1990-1992 – Fac. of Chemical Technology, Slovak Technical University, Dept. of Physical Chemistry, research scientist.
- 1992-1997 – Faculty of Chemistry, Technical University of Brno, Inst. of Physical and Applied Chemistry, university teacher, Assoc. Prof.
- 1997-till present – Fac. of Technology, Tomas Bata University in Zlín, Inst. of Physics and Materials Science, Prof., director.

Professional Activity:

- Principal/co-principal researcher of scientific research grants (national/international) - since 1986, totally 28.
- Mentor of the PhD. student studies – 19 PhD students (14 has finished, 1 preparing for dissertation defense).
- Mentor of the MSc. student studies – 27.

Cooperation with Industry:

- Principal/co-principal researcher of industrial research grants - since 1986, totally 42.

Publication Activity:

- * Author of 76 original research papers published in journals or published proceedings.
- * Author of 5 textbooks for university studies (in Czech language).
- * 24 lectures abroad.
- * Author of 3 patents.
- * 63 research reports.
- * 600 citations (according to ISI Web of Science).
- * several short and long term stays abroad, 1989 - 1991 (several short visits no longer 1 month) Universität Ulm, Germany (financed by SFB 239, Germany), 1991 - 1992 McGill University, Canada (financed by grants NSERC, Paprican and National Centers of Excellence), 1993 - State University of Ghent, Belgium (financed by University of Ghent).

Memberships in Scientific Organizations:

- * Czech Chemical Society, Prague, CZ.
- * Spectroscopic Society of Jan Marcus Marci, Prague, CZ.
- * American Chemical Society, Washington, D.C., USA.
- * Institute of Electrical and Electronic Engineers, Inc., Piscataway, USA.
- * American Association for Advancement of Science, Washington, D.C., USA.

Memberships in advisory boards of International Conferences:

ICCE/6 (1999), Denver, USA, ICCE/8 (2001), Tenerife Island (Spain), ICCE/9 (2002), San Diego, ICCE/10 (2003), New Orleans, USA, ICCE/11 Hilton Head, USA, ICCE/12 Tenerife, Spain, ICCE/15-18, ELKIN (2002, 2004, 2006, 2008, 2010).

Memberships in advisory boards of International Journals:

Composites Part B: Engineering (Elsevier, UK).

Acta Avionica (TU Košice, SK).

Journal Nanotechnology Progress International (JONPI), (Focus Nanotechnology Africa, USA).