

## RESUME

### Personal Data

Dr. Andriy Voronov  
Assistant Professor  
Coatings and Polymeric Materials  
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### Education

1994 Ph.D. Polymer Chemistry, Lviv Polytechnic Institute, Lviv, Ukraine.  
1990 Dipl. Engineer (with Honor) Chemical Engineering and Technology, Lviv Polytechnic Institute, Lviv, Ukraine.

### Employment

2003 - 2007 University of Erlangen-Nuremberg, Institute of Particle Technology,  
Erlangen, Germany, Staff Scientist  
*Synthesis of Invertible Silver Nanoparticles in Nanoreactors from Amphiphilic Polyester*  
*Design of new invertible polymer coatings and its effect on the colloidal stability of inorganic nanoparticles*

2000-2003 University of Bayreuth, Department of Physical Chemistry II Bayreuth,  
Germany, Alexander von Humboldt-Fellow  
*Self-assembly of functional nanostructures from ABC triblock copolymers (2001-2003)*  
*Synthesis of Chemically Grafted Polymer Brushes and Their Influence on Dewetting in Thin Polymer Films (2000-2001)*

2000 - 2003 National University "Lvivska Polytechnica", Department of Polymers and  
Plastics, Lviv, Ukraine, Lecturer

1998-1999 University of Ulm, Department of Experimental Physics IV Department,  
Ulm, Germany, PostDoc  
*Influence of interphase structure on mechanical properties of polymer composites*

1997-1998 Institute Charles Sadron, Department of Colloids and Interfaces,  
Strasbourg, France, NATO Research Fellow  
*Non-equilibrium adsorption at solid/liquid interfaces from polyelectrolyte solutions*

1990-1996 Lviv Department of Physical Chemistry Institute of National Academy of  
Sciences, Lviv, Ukraine  
Scientist (1994-96)  
*Formation and structure of the surface anchored polymer layers*

Junior scientist (1990-94)  
*Relationships between the interface structure and properties of the composites and adhesive joints*

## Teaching Activities

2003-2006 Supervisor of students (Institute of Particle Technology, University Erlangen-Nuremberg, Erlangen, Germany)

1996-2000 *Courses:* Chemistry of Macromolecules, Physical and Chemical properties of polymers (seminar and laboratory), Department of Polymers and Plastics Department, National University "Lvivska Polytechnika", Lviv, Ukraine

## Honors and Awards

Long-state cooperation Programme, Alexander von Humboldt Fellowship, University of Bayreuth, Germany (2001-03).

Alexander von Humboldt Fellow, Department of Physical Chemistry II, University of Bayreuth, Germany (2000-01).

NATO Research Fellow, Institut Charles Sadron, CNRS, Strasbourg, France (1997-98).

Faculty Research Fellow Award by Austrian Ministry of Education, Vienna Technical University, Austria (1995).

## Research stays

Institut Charles Sadron, CNRS, Strasbourg, France, 2000.

University of Ulm, Germany 1996-1999.

University of Lublin, Poland 1996.

Vienna Technical University, Vienna, Austria 1995.

## Activities

Referee in Langmuir, Polymer, Journal of Applied Polymer Science. Member of the American Chemical Society

## Publications

45 articles, 1 patent, 50 contributions to academic conferences, 5 methodical courses for students.