

Miroslav Slouf was born in Slany, Czech Republic, in 1973. He studied chemistry at Charles University in Prague, where he obtained his BSc. degree in 1994 in the field of general chemistry, his MSc. degree in 1996 in the field of inorganic chemistry, and finally PhD degree in 2001 in the field of single-crystal X-ray diffraction analysis. Since 1998 he has been working in the Institute of Macromolecular Chemistry, Czech Academy of Sciences, Prague. He started his work at IMC as a student (from 1998), continued as a head of Polymer Morphology Group (from 2002), and finally as a head of Polymer Morphology Department (from 2010 up to now). He has published >300 scientific papers with >6000 citations, 8 book chapters, and 5 patents (h-index = 37). So far, he has presented 6 invited lectures, mostly about micromechanical properties of polymers. He is currently teaching 2 courses at Charles University in Prague (the first about electron microscopy and the second on Python data processing and problem solving); once per ca 4 years he also teaches at the University of Trento, Italy, at the position of visiting professor (electron microscopy and micromechanical properties of polymers). He has supervised or co-supervised 3 PhD and 2 master theses. In 2013 he became an associate professor at the Faculty of Chemistry of Brno University of Technology. His research is focused on bulk biocompatible polymers for medical applications (such as UHMWPE for total joint replacements or starch-based blends for local release of antibiotics) and development of microscopic methods (such as electron diffraction in SEM and micromechanical properties).