



**Prof. Dr. Miroslav Soos**

He studied at Slovak University of Technology, Slovakia where in 1997 he received master degree in Chemical Engineering and Process Control and in 2001 the PhD degree in Chemical Engineering. From 2001 till 2015 he was working at ETH Zurich, Switzerland initially as postdoctoral researcher and later as Senior Research Scientist. During this period he was involved in several research projects related to colloidal engineering, modeling of fluid dynamics using CFD and synthesis of advanced functional materials. He was responsible for development of patented method for production of porous nano and microparticles as well as for establishment and leadership of the cell culture laboratory dedicated to production of therapeutic proteins. In 2015 he joined UCT Prague where he is currently leading Biotechnology and Advanced Functional Material Laboratory. His interest covers synthesis of various nanoparticles and their assembly towards functional materials which can find application as conductive polymers, sensors, catalyst supports, stationary phases for separations, scaffolds for tissue engineering, drug delivery systems and API formulation processes.