



**Prof. Andrey Shukurov**

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**Prof. Andrey Shukurov (Andrei Choukourov)** received the Ing. degree from the Ivanovo State University of Chemistry and Technology, Russia, in 1995, and the Ph.D. degree from the Charles University, Prague, Czech Republic, in 2003. He worked as a researcher at the University of Illinois at Chicago, USA, and also served a postdoctoral stay at the University of Nagoya, Japan. He habilitated in 2012 as an associate professor, and since 2020 he has been holding a full professorship at the Department of Macromolecular Physics, Faculty of Mathematics and Physics, Charles University, Prague, Czech Republic.

His research focuses on thin-film deposition and nanoparticle (NP) formation under vacuum and low-temperature plasma conditions, NP-assembled mesoporous coatings for photoelectrochemical water splitting, plasmonic and photoluminescent metal/semiconductor nanoparticles, optically active nanofluids, nanomaterials with regenerative and antimicrobial activity for wound healing, phase separation and nanoconfinement in homo- and copolymer thin films, interaction of extreme light with hybrid organic/inorganic nanomaterials, solution plasma processing of natural polymers, plasma medicine and agriculture. He is the author or co-author of more than 150 articles in peer-reviewed journals. He is a member of Laserlab-Europe AISBL, expert group: Micro- and Nanostructured Materials for Experiments with High-Power Lasers. He is also a member of the International Advisory Board of Plasma Processes & Polymers and served as a guest editor in this and several other journals.