

Prof. Miran Mozetič, Institute Jozef Štefan Ljubljana, Slovenia



Prof. Dr. Miran Mozetič received his B. Sc. Degree of Physics from the Faculty of Natural Sciences and Technology, University of Ljubljana, Slovenia in 1988. In 1992 he received the M. Sc. Degree from the Technical Faculty, University of Maribor, Slovenia, and in 1997 the Ph. D. Degree of Electronic Vacuum Technology from the Faculty of Electro-technique, Computer Sciences and Informatics, University of Maribor. In 1993 he attended courses on Application of synchrotron radiation techniques at International centre for theoretical physics in Trieste, Italy. He joined Jožef Stefan Institute in 2003 and since 2009 he is the Head of Department F4 (Department of Surface Engineering). He is the leader of a research group (currently 18 members + several students) working on generation and characterization of highly reactive gaseous plasma, interdisciplinary research on interaction of non-equilibrium plasma with organic and composite materials, fusion – oriented research on plasma – surface interaction, plasma nanoscience, plasma techniques for biomedical applications as well as development of different technologies for industrial partners from Slovenia and abroad. He has been a partner in over 10 EU projects. At home in Slovenia, he lectures at University of Nova Gorica (courses on “Physics of Surfaces”), University of Ljubljana (“Surface engineering of textiles by non-equilibrium plasma”) and International postgraduate school Ljubljana (“Introduction to ecological friendly plasma technologies”, “Nuclear fusion” and “Preparation of patent application”). He has been the supervisor of over 10 PhD students. He served as a guest lecturer at University of Ioannina, Greece, Université Paul Sabatier, Toulouse, France, University of Leeds, England, University of Louisville, Kentucky, U.S.A., University of Nagoya, Japan, Université du Maine, Le Mans, France, University of Sydney, Australia, Nanyang University of Technology, Singapore, Kyushu University, Fukuoka, Japan, University of Illinois, Urbana, USA, University Tomas Bata, Zlin, Czech Republic and Mahatma Gandhi University, Kottayam, India. His bibliography includes over 250 scientific papers and 20 patents. His SCI papers have been cited over 4000 times and his Hirsch index is over 35. He is a member of scientific or organizing committees of different conferences and workshops, a member of different scientific and professional societies, and a reviewer of papers submitted to numerous SCI journals. Between 2007 and 2013 he was the President of Slovenian vacuum society and since 2010 he is the chair of Education Committee of International Union for Vacuum Science, Technology and Applications – IUVSTA. In 2011 he received the most prestigious Slovenian prize for technology transfer to industrial production – “Puh award”.