

**Vadim V. Lozovoy** was born in Novosibirsk, USSR. He received his MS degree in physics from Novosibirsk State University in 1983, where he studied ion radicals and their reactions in solutions using positron annihilation and Optical Detected Electron Spin Resonance of ion pairs. He received his PhD degree in physics and mathematics from the Institute of Chemical Kinetics and Combustion at the Siberian Branch Academy of Science USSR in 1989. His dissertation research involved the discovery of fast energy transfer by excitons in liquid cyclic hydrocarbons using a picosecond pulse radiolysis system and picosecond streak camera registration built with his active participation.

From 1991 to 1998 he worked in the N.N. Semenov Institute of Chemical Physics at the Russian Academy of Science in Moscow. He was involved in the creation of a femtosecond laser system, for the intra-cavity laser spectroscopy absorption and fluorescence of a supersonic jet. He guided a group of students in experiments of ultrafast chemical dynamics in gas and condensed phases and made theoretical analyses of the coherent intramolecular dynamics.

In 1999 he joined Marcos Dantus' research laboratory at Michigan State University, where he was initially involved in the experimental study of laser control of chemical reactions using a four-wave mixing technique. Later, he transitioned to the theoretical interpretation of coherent control experiments. Currently, he is an academic specialist and research professor at MSU and concentrates on coherent control of various physical-chemical processes using shaped femtosecond pulses.

As of November 2012, he is an author on more than 100 publications, with about 2000 citations. According to Google Scholar his h-index is 25, i.e. 25 publications of his have at least 25 citations.

Since 2003 Vadim has been collaborating with the hi-tech start-up company Biophotonic Solutions, Inc. He is an author of 10 issued and active US patents.

Vadim is also a history buff, particularly of the period of Roman the Republic 509-42 BC. He is a big fan of outdoor activities such as hiking, biking and mountain climbing.