

## About the author

Yuri K. Shestopaloff consults and leads development teams that design and implement medium and large scale software systems. The author's area of specialization is distributed high performance and mission critical computer systems. This includes trading systems (equity, derivatives, OTC financial instruments), investment performance measurement systems, lending applications (securities lending), and various applications for the insurance business. He does projects for high-tech companies specializing in logistics, resource management, imaging systems, remote sensing, and space technology. Yuri also develops software applications for research projects in biology and physics. His list of clients includes Bear Stearns, Merrill Lynch, Royal Bank of Canada, i2, CA, HP and other companies.

He received his Engineer-Physicist M.Sc degree, specializing in Electronics, and Ph.D in data processing from Moscow Institute of Physics and Technology. He received the Doctor of Sciences degree, the highest academic degree in European countries, for developing methods data processing for remote sensing. Previously, he has worked as Associate Professor, Full Professor and Chair at the Electrical Engineering Department of Omsk State Transport University. Simultaneously, he held the position of Chief Scientist at Institute of Sensor Microelectronics of Russian Academy of Sciences.

Yuri has published ten books and over eighty academic articles. He also publishes articles on natural philosophy and philosophy of science. His literary writings have been published in popular magazines. Yuri has also published three literary books. His short stories and novels are appreciated by many readers.