

Valery A Kholodnyi received his PhD in Applied Mathematics from the Moscow Institute of Electronics and Mathematics in 1990. He has held university positions in various departments, such as the Department of Microwave and Quantum Electronics, the Department of Mathematical Modeling of Physical Systems, and the Department of Physics, in both Russia and the United States. He has authored or co-authored over 60 research papers in finance, mathematics, theoretical physics and engineering, and has published in journals such as the *Journal of Mathematical Physics* and the *Journal of Integral Equations and Applications*. He was an Invited Speaker at the Second World Congress of Nonlinear Analysts and at numerous international and national conferences, as well as at research seminars in university departments and industry. Currently, he is the Vice-President of Research and Development for Integrated Energy Services L.C., an independent research institute for financial capital markets.