



○ *Prof. Konstantin Lukin*

• Brief Bio :

Prof. Konstantin Lukin, IEEE Fellow, was born on 16 Jan 1951 in Dushanbe, Tajikistan, formerly USSR. Currently, he is Head of the Laboratory for Nonlinear Dynamics of Electronic Systems, LNDES, at the Usikov Institute for Radiophysics and Electronics, National Academy of Sciences of Ukraine, IRE NASU, in Kharkov, UKRAINE. He received his diploma in Radiophysics & Electronics from Kharkov State University, Ukraine, in 1973. He completed his Candidate of Sciences thesis in IRE NASU and defended it at Moscow State University (MSU) in 1980. He completed his Doctor of Sciences dissertation in Physical Electronics in IRE NASU and defended it at Kharkov State University in 1989. He is a State Professor in Radiophysics since 2004. He has been a visiting scientist at the International Center for Theoretical Physics (ICTP, Trieste, Italy) in 1996-1997 and a visiting professor at the Joint Research Center (JRC, Ispra, Italy) in 1997-1998. His current research interests are as follows: generation and processing of random/chaotic/noise signals and their applications in Noise Radar, in particular, for SAR imaging, differential interferometry; microwave monitoring of urban areas and detection of pre-catastrophic states of large natural (landslides) and manmade objects, such as bridges, TV towers, dams, large buildings, hangars, etc. He has been involved in international R&D cooperation with universities of many countries, such as USA, UK, Germany, France, Italy, Poland, Spain, Netherlands, Turkey, Bulgaria, Brazil, Mexico, South Korea, P.R. China, Singapore, et al. He was Chairman of RTO/NATO Task Group on Noise Radar Technology (2005-2010, and 2011-2014). Currently, he is Co-Chairman of RTO/NATO Task Group on 'Space and Frequency Diverse Noise Radar'. Prof. Lukin is author or coauthor of more than 260 journal publications and 2 monograph. He is a TPC member of the EUSAR, IRS, SPSympo, IRMMW-THz, MSMW, IEEE IVEC and Chairman of NRT-2002, 2003, 2012 International Conferences. He was leader of many international R&D projects on Noise Radar systems and sensors; on SAR imaging and microwave monitoring of environment. Currently he is leader of Ukrainian part of the SCOUT Project under FP-7 Program and Project G4809 under NATO Science for Peace Program.