Georgi L. Dyankov, born 1955, received his M.S. degree in Solid State Physics from Sofia University, Bulgaria in 1981 and Ph.D. degree from Institute of General Physics of Russian Academy of Sciences, Moscow in 1988 in the field of optical fibers.

He was involved in development of optical sensors for military and civil applications being a member of the Institute of Solid State Physics, Bulgarian Academy of Science, Sofia, Bulgaria. His good theoretical background opens up the possibility to became a project leader of a theoretical project related to the application of optical solitons for optical communication. The project was supported by Bulgarian National Science Fund. Simultaneously, R&D activities in the field of polarimetric sensors was performed.

His teaching activities has been with the Chiao Tong University and Ching Hua University, Hsin Chiu, Taiwan (2002-2004) and Plovdiv University, Bulgaria (2011-2015).

Since 2004 R&D the activities has been with Industrial Technology Research Institute, Taiwan (till 2009), Institute of Nanotechnology, Rabat, Morocco (2010-2011) and Institute of Optical Materials and Technology, Bulgarian Academy of Science, Bulgaria (currently). During this period G. Dyankov was involved in development of optical measuring instruments and optical sensors in the field of optical coherent tomography, polarization, polarimetry, and plasmon resonance. During this period, he has managed projects worth a total more than $1M and has participated in other eight R&D projects.

Currently he is managing projects in the field of biosensors, optical fire detection and optical current transducer. He is a co-author of several patents and useful models of fiber based current transducer and fire-detection sensor that have been awarded with prizes at International patent shows in Taiwan. He is a co-author of more than 50 papers with impact factor and impact rang with more than 200 citations; h-factor – 8.