Oleg Mushkarov obtained his Ph.D. and D.Sc. degrees in 1979 and 1999, respectively, at the Institute of Mathematics and Informatics, Bulgarian Academy of Sciences (IMI-BAS). In 2001 he became a full professor at IMI-BAS and in 2012 he was elected Corresponding member of the Bulgarian Academy of Sciences. Currently, he is the chairman of the Scientific council of IMI-BAS and the Director of the International Center for Mathematical Sciences – Sofia.

Oleg Mushkarov's research is devoted to the analysis and geometry of almost complex manifolds, geometry of Hermitian surfaces, geometry of twistor spaces, N. Hitchin 's generalized complex geometry, the theory of harmonic maps, etc. His ideas, scientific contributions and his work with young people define him as the creator (together withJ. Davidov) of the Bulgarian school in complex differential geometry.

Some of Oleg Mushkarov's contributions in the above areas include the solution of the problem for local existence of holomorphic functions on almost complex manifolds generalizing the celebrated Newlander-Nirenber theorem, the classification of compact self-dual Hermitian surfaces (together with J. Davidov and V. Apostolov), the proof of Burstall-Rawnsley's conjecture about the uniqueness of orthogonal complex structures on compact inner Riemannian symmetric spaces (with F. Burstall, G. Grantcharov and J. Rawnsley), the study of the curvature properties of twistor spaces(together with J. Davidov), the development of the theory of hyperbolic twistor spaces (with D. Blair and J. Davidov), the classification of twistor spaces with harmonic Atiyah-Hitchin-Singer and Eells-Salamon almost complex structures (with J. Davidov) and others.

Research interests: Complex Analysis, Complex Differential Geometry, Twistor Theory
Honors & Acknowledgements:

• Honorary badge "Marin Drinov" on a ribbon, Bulgarian Academy of Sciences, 2021

• Medal with ribbon of Institute of Mathematics and Informatics, 2021

• Honorary member of the Union of Bulgarian Mathematicians, 2021.

• Badge of Honor of the President of the Republic of Bulgaria, 2006

• Honorary Badge of Merit to Bulgarian Academy of Sciences, 2003

O. Mushkarov is the author of 68 research papers and four monographs. He supervised 3 PhD students and 9 master students. He was the leader of the Bulgarian teams for the Balkan and International Mathematical Olympiads and an active participant in the training of high school students in Bulgaria and the USA for national and international math competitions. In 2001-2015 he was the Director of the High School Students Institute for Mathematics and Informatics associated with IMI-BAS.