Vladimir Getov graduated with distinction from the Technical University of Sofia and earned his Ph.D. in Computer Science from the Bulgarian Academy of Sciences. Then, he spent several years leading R&D projects in Bulgaria. During that time Dr Getov was project manager of the first Bulgarian IBM PC/XT compatible computer IZOT 1037 / ES 1832 (1984). In 1989 he moved to the University of Southampton (UK). Since 1995, Vladimir Getov has been an academic staff member at the University of Westminster in London where he was awarded the titles Reader (1999) and Professor (2001).

An active IEEE CS volunteer since the mid-1990s, Vladimir Getov has been IEEE Computer magazine's area editor for high-performance computing since 2008 and associate editor-inchief of the same magazine since 2018. He has served as general and program chair of several IEEE conferences. Getov is Executive Committee member of the IEEE CS Technical Community on High-Performance Computing, while also serving as co-chair of the Applications, Systems, and Architectures team as part of the IEEE International Roadmap for Devices and Systems.

Vladimir Getov has an extensive track record of international collaboration and achievements, such as founding contributions to the PARKBENCH Committee, the Java Grande Forum, and the Open Grid Forum. He has received several prestigious awards, including the Order of Saints Cyril and Methodius (Bulgaria, 2020), Visiting Professor (Peking University, China, 2017), IEEE CS Golden Core Award (2016), Honorary Professor (TU-Sofia, Bulgaria, 2012), IBM Faculty Award (2010), "Pythagoras" Science Award (Bulgaria, 2009). Since 2003, Professor Getov has been on the Steering Committee of the International John Vincent Atanasoff Initiative, working towards worldwide recognition of the inventor of electronic digital computing. He is a Senior Member of IEEE and ACM, a BCS Fellow, and was Governor of IEEE CS (2016-2018), and ICCC (2004-2007).