Dr. Johansson is a co-founder and the Chief Technical Officer of Freedom Photonics.

Dr. Johansson has 20 years of experience related photonic integrated circuits, widely tunable lasers, radio-frequency photonics, analog optical communications, radio over fiber systems and coherent optical communications. This work has resulted in a number of novel concepts and record results in the area of RF and coherent photonic ICs.Before Freedom Photonics, Dr. Johansson has been involved in the development of RF photonic devices and subsystems at University of California, Santa Barbara and at Agility Communications (now Lumentum).

Dr. Johansson obtained his Ph.D. in Electrical Engineering from the University College London, UK. He has authored or co-authored over 240 publications in the areas of RF photonics and photonic integrated circuits, and has given numerous invited and contributed talks at various international conferences. He has chaired, serves or has served on technical committees for IEEE Microwave Photonics Conference, Optical Fiber Communications Conference, IEEE Photonics Conference.