**Short Biography:**

Martin Karrenbach is Sr. Manager Innovation at Optasense Ltd. where he is focused on developing novel techniques, algorithms and software in support of fiber-optic sensing data to allow acquisition, processing, imaging and integration with standard seismic, microseismic, flow and engineering data. He has a strong interest in computational geophysics and physical system modeling and welcomes interdisciplinary research and development. Dr. Karrenbach received his Ph.D. in Geophysics from Stanford University, M.Sc. in Geophysics from the University of Houston. He is a member of SEG, EAGE, AGU and SPE.