Gerard Schuster is currently a research professor at University of Utah. He was the founder and director of the Utah Tomography and Modeling/Migration consortium from 1987 to 2009, and was the co-director and founder of the Center for Fluid Modeling and Seismic Imaging at KAUST. Schuster helped pioneer seismic interferometry and its practical applications in applied geophysics through his active research program and through his extensive publications, including his book "Seismic Interferometry" (Cambridge Press, 2009). He also has extensive experience in developing innovative migration and inversion methods for both exploration and earthquake seismology.

Gerard has an MS (1982) and a PhD (1984) from Columbia University and was a postdoctoral researcher there from 1984–1985. From 1985 to 2009 he was a Professor of Geophysics at University of Utah. He left Utah to start his current position as Professor of Geophysics at KAUST in 2009. He received a number of teaching and research awards while at University of Utah. He was editor of *Geophysics* from 2004–2005 and was awarded SEG's Virgil Kauffman Gold Medal in 2010 for his work in seismic interferometry, and awarded SEG's Honorary Member by SEG in 2025.

SEG published Gerard's book *Seismic Inversion* in late 2017 and *Machine Learning Methods in Geoscience* in 2024. He left KAUST in January 2022 and has returned to the University of Utah as a Research Professor in the Geology and Geophysics Department. He is active in teaching seismic exploration and ML courses around the USA and the world, and his current research interests are for developing innovative ML and geophysical imaging methods.