

Sean McCarthy – MPEGIF Board Member / Principal Scientist, Modulus Video, Inc.



Dr. Sean McCarthy brings to Modulus Video many years' experience as an engineer and research scientist in small and large organizations. Before joining Modulus Video, Sean helped found ViaSense where, as Chief Scientist, he led technical development of commercial applications based on understanding the human visual system. Some of the applications that Sean developed include: a system for optimizing video compression; a system for optimizing video displays; methods of extracting natural features in images and video; and methods of measuring the perceptual quality of processed images and video. He is also the author of several papers on retinal processing and holds several domestic and international patents on image and signal processing. In addition to his role at Modulus Video, Sean is currently serves as a member of the board of directors of the MPEG Industry Forum. Sean earned his Ph.D. in bioengineering jointly at UC Berkeley and UC San Francisco.