## ITU-T Workshop Video and Image Coding and Applications (VICA)

BIO

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Steve Wolf NTIA/USA

**Session:** 5: Performance measurements and assessments

**Title of** General purpose objective video quality measurement tools

**Presentation:** 

Stephen Wolf received a BS in electrical engineering from Montana State University at Bozeman, Montana in 1979 and an MS in electrical and computer engineering from the University of California at Santa Barbara, California in 1983. From 1979 until 1988, he worked on the design and development of radar signal processing and target recognition techniques, including highly advanced inverse synthetic aperture radar (ISAR) systems for the Naval Weapons Center in China Lake, CA. Since 1988, he has been Project Leader of the Video Quality Research Program at the Institute for Telecommunication Sciences (ITS), an office of the National Telecommunications and Information Administration (NTIA) in Boulder, Colorado. His contributions to the field include numerous papers and three U.S. patents for the development "reduced-reference" video quality measurement systems that emulate human perception. Mr. Wolf is an active participant and contributor to the standardization activities of the American National Standards Institute (ANSI), the Video Quality Expert's Group (VQEG) and the International Telecommunication Union (ITU) and has served as Chief Technical Editor for video performance measurement standards and technical reports.