**BIO:** Currently, Mr. Smith serves NASA as the Commercialization Manager for the Space Operations and Management Office at Johnson Space Center in Houston, Texas. Formerly, he served as the Program Manager for the ACTS program during the seven year experiments and operations phase of the program. During this period, new markets emerged for wideband communications satellites; new and unexpected phenomena in Ka Band propagation were discovered and certain inevitables came to pass that pointed the way to new futures in experimental communications technology satellite programs. He has documented these futures in the presentation to be made at this conference.

Mr. Smith is the author of numerous books and papers in engineering, mathematics and the sciences. He holds a BS in Physics from Seattle University, Seattle Washington and a graduate of the Advanced Management Program at the Harvard School of Business, Boston Massachusetts.