

ITU-T Workshop

Video and Image Coding and Applications (VICA)

BIO

Geneva, 22-23 July 2005



Joan L. Mitchell
IBM

Session: 4: Image Coding
Co-Author of Presentation: The first Joint ITU/ISO Image Compression Standards

Joan L. Mitchell graduated from Stanford University with a B.S. in physics in 1969. She received her M.S. ('71) and PhD. ('74) degrees in physics from the University of Illinois at Champaign-Urbana. She joined the IBM T. J. Watson Research Center immediately after completing her PhD. Since 1976 she has worked in the field of image processing and data compression. She participated in setting the Group 3 2-D Data Compression Standard from 1978-79. From 1987-94 she was a member of the ISO and CCITT international Joint Photographic Experts Group. She is the editor of JPEG Part 1 and in 1992 co-authored a book about JPEG. In 1994 she took a two year leave of absence from IBM. During her leave she co-authored a book on MPEG and was a visiting professor at the University of Illinois for six months. She returned to the IBM T.J. Watson Research Center. In 1999 she moved to Boulder, CO to work with the IBM Printing Systems Division. She is a member of APS, IEEE (Fellow), IS&T, and Sigma Xi and co-inventor on 58 patents. She was made an IBM Fellow in 2001. In 2004 she was elected a member of the National Academy of Engineering.