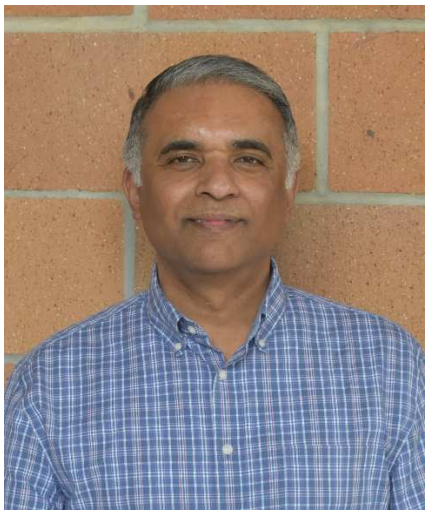
Abhijit Mahalanobis



Dr. Abhijit Mahalanobis is currently an Associate Professor in Center for Research in Computer Vision (CRCV) at the University of Central Florida (UCF). His primary research areas are in *video/image processing* for target detection and recognition, and computational imaging. He has over 170 journal and conference publications in this area. He also holds four patents, co-authored a book on pattern recognition, contributed several book chapters, and edited special issues of several journals. Abhijit completed his B.S. degree with Honors at the University of California, Santa Barbara in 1984. He then joined the Carnegie Mellon University and received the MS. and Ph.D. degrees in 1985 and 1987, respectively. Prior to joining UCF, Abhijit was a Senior Fellow at Lockheed Martin in Orlando. He has also worked previously at Raytheon in Tucson, and was a faculty at the University of Arizona and the University of Maryland.

Abhijit was elected a *Fellow of SPIE* in 1997, and a *Fellow of OSA* 2004 for his work on optical pattern recognition and automatic target recognition. He was elected Fellow of IEEE in 2015 for his work on the theory of correlation filters. He served as an associate editor for *Applied Optics* from 2004-2009. He was as an associate editor for the *journal of the Pattern Recognition Society* from 1994-2003. He served on OSA's Science and Engineering council in the capacity of Pattern Recognition Chair from 2001-2004, and as Technical Group Chair for Information Acquisition, Processing and Display on OSA's Board of Meetings from 2012-2015. He also serves on the organizing committees for the SPIE conferences, and OSA's annual and topical meetings. Abhijit received the Hughes Business unit Patent Award in 1998. He was recognized as the *Innovator of the Year* by the State of Arizona in 1999, and was elected to the Raytheon Honors program for distinguished technical contribution and leadership. At Lockheed Martin, he was elected to the rank of Distinguished Member of Technical Staff in 2000, and twice received the Lockheed Martin *Technical Excellence* award, the *Author of the Year* award in 2001, and the *Inventor of the Year* in

2005 for designing novel target recognition systems. In October 2005, he received the prestigious Lockheed Martin NOVA award, the Corporation's highest honor, for putting together a National Team and a winning strategy in the FCS competition. Abhijit was also recognized as the 2006 *Scientist of the Year* by *Science Spectrum Magazine*, a publication of the Career Communication Group, Inc.