



**Dr. Chein-I Chang**  
**Professor of Computer Science and Electrical Engineering**  
**University of Maryland, Baltimore County**

Chein-I Chang received his B.S. degree from Soochow University, Taipei, Taiwan, M.S. degree from the Institute of Mathematics at National Tsing Hua University, Hsinchu, Taiwan and M.A. degree from the State University of New York at Stony Brook, all in mathematics. He also received his M.S., M.S.E.E. degrees from the University of Illinois at Urbana-Champaign and Ph.D. degree in electrical engineering from the University of Maryland, College Park.

Dr. Chang has been with the University of Maryland, Baltimore County (UMBC) since 1987 and is currently professor in the Department of Computer Science and Electrical Engineering. He was a visiting research specialist in the Institute of Information Engineering at the National Cheng Kung University, Tainan, Taiwan, from 1994-1995. He received an NRC (National Research Council) senior research associateship award from 2002-2003 sponsored by the US Army Soldier and Biological Chemical Command, Edgewood Chemical and Biological Center, Aberdeen Proving Ground, Maryland. Additionally, Dr. Chang was a distinguished lecturer chair at the National Chung Hsing University sponsored by the Ministry of Education in Taiwan, ROC from 2005-2006 and is currently holding a chair professorship with the Environmental Restoration and Disaster Reduction Research Center and Department of Electrical Engineering, National Chung Hsing University, Taichung, Taiwan, ROC from 2007-2009. He has three patents and several pending on hyperspectral image processing. He is on the editorial board of the *Journal of High Speed Networks*, and was the guest editor of a special issue of the same journal on telemedicine and applications (April 2000) and a co-guest editor of another special issue of the same journal on Broadband Multimedia Sensor Networks in Healthcare Applications, April 2007. His is also a co-guest editor of a special issue on High Performance Computing of Hyperspectral Imaging for *International Journal of High Performance Computing Applications*, December 2007. Dr. Chang has authored a book, *Hyperspectral Imaging: Techniques for Spectral Detection and Classification* published by Kluwer Academic Publishers in 2003 and edited two books, *Recent Advances in Hyperspectral Signal and Image Processing*, Trivandrum, Kerala: Research Signpost, Trasworld Research Network, India, 2006 and *Hyperspectral Data Exploitation: Theory and Applications*, John Wiley & Sons, 2007 and and co-edited with A. Plaza a book on *High Performance Computing in Remote Sensing*, CRC Press, 2007. He is currently working on his second book, *Hyperspectral Imaging: Signal Processing Algorithm Design and Analysis*, John Wiley & Sons, 2007.

Dr. Chang was an Associate Editor in the area of hyperspectral signal processing for *IEEE Transaction on Geoscience and Remote Sensing* 2001-2007 and a Fellow of SPIE and a member of Phi Kappa Phi and Eta Kappa Nu. He is also currently on board of directors, Integrated Solutions, Inc. Dr. Chang has been with the University of Maryland, Baltimore County (UMBC) since 1987 and and is currently professor in the Department of Computer Science and Electrical Engineering. He received an NRC (National Research Council) senior research associateship award from 2002-2003 sponsored by the US Army Soldier and Biological Chemical Command, Edgewood Chemical and Biological Center, Aberdeen Proving Ground, Maryland. He has authored a book, *Hyperspectral Imaging: Techniques for Spectral Detection and Classification* published by Kluwer Academic Publishers in 2003. Dr. Chang is an Associate Editor in the area of hyperspectral signal processing for *IEEE Transaction on Geoscience and Remote Sensing* and a Fellow of SPIE and a member of Phi Kappa Phi and Eta Kappa Nu.