



EE Seminar Series

**Dallas Chapter of IEEE Consumer Electronics Society &
Dallas Chapter of IEEE Signal Processing Society present**

A Look Inside Digital/Cell-phone Cameras

**Professor Nasser Kehtarnavaz
University of Texas at Dallas**

**11am, Tuesday, March 10, 2009
ECSS 2.102 (TI Auditorium)**

Digital images are everywhere and many of us deal with them on a daily basis. Have you ever wondered how digital/cell-phone cameras generate digital images or what are the features you often see on these cameras? This talk is put together to provide a general overview or introduction to various image processing functions that occur inside digital/cell-phone cameras when taking pictures. The material presented is intended to give attendees an insight into the image processing aspects of digital cameras for using or purchasing them.

Nasser Kehtarnavaz is Professor of Electrical Engineering at the University of Texas at Dallas. His current research areas include real-time signal and image processing, digital camera image pipelines, and biomedical image analysis. He has authored or co-authored 7 books and more than 190 papers in these areas. He is a Professional Engineer, a Fellow of SPIE, a Senior Member of IEEE, Coeditor-in-Chief of Journal of Real-Time Image Processing, Chair of the Dallas Chapter of the IEEE Signal Processing Society, and Distinguished Lecturer of IEEE Consumer Electronics Society.

For more information on the Dallas Chapter and directions to UTD, please refer to <http://www.utdallas.edu/~kehtar/ieee-sp>