

**The Systems Engineering of a Net-Centric Distributed Intelligent System of Systems
for Human Behavior Classification**
(Outline)

Chapter 1 - PhD Dissertation Overview

Part 1 - Fundamental Technologies: SE for SoS & DIPR Modeling

Chapter 2 - Systems Engineering (SE) for System of Systems (SoS)

Chapter 3 - Detect-Identify-React-Predict (DIPR) Behavior Model Overview

Part 2 - Modeling Behavior Classification as DIPR Applications

Chapter 4 - Abnormal/Normal Behavior Classification using DIPR Modeling

Chapter 5 - Automatic Human Personnel Mustering using DIPR Modeling

Chapter 6 - Human Computer Interaction using DIPR Modeling

Part 3 - Building the Smart Environment

Chapter 7 - Building a Smart Camera Network

Chapter 8 - Building an Executive Interface and Push/Pull Capabilities

Chapter 9 - Building a Kiosk System

Part 4 - My Researched Developed Supporting Technologies

Chapter 10 - Low Level Classifiers for Detect Phase

Chapter 11 - High Level Classifiers for Identify and Predict Phases

Chapter 12 - Theory of Enhancing Low Level Classifiers

Chapter 13 - Learning in DIPR Modeling

Chapter 14 - Future Work

Appendix