

UNIVERSITY OF SOUTH FLORIDA

Defense of a Master's Thesis

Video Data Collection for Identity Assurance in Cyber-security

by

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For the MSCS degree in Computer Science & Engineering

Frequently monitoring the identity of a person connected to a secure system is an important component in a cyber-security system. Identity Assurance (IA) mechanisms which continuously confirm and verify users' identity after the initial authentication process, ensure integrity and security. Very few cyber-security systems deploy such IA modules. This thesis describes our effort at collecting a small dataset of multi-view videos of typical work session of several subjects to serve as a resource for other researchers of IA algorithms to evaluate and compare the performance of their algorithms with those of others. We also propose to supplement this dataset with a baseline algorithm.

May 19th 2016

9:00 AM

ENB 313

THE PUBLIC IS INVITED

Examining Committee

Dr. Rangachar Kasturi, Ph.D., Major Professor

Dr. Sudeep Sarkar, Ph.D.

Dr. Dimitry Goldgof, Ph.D.

Robert Bishop, Ph.D.
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