

# UNIVERSITY OF SOUTH FLORIDA

## *Defense of a Doctoral Dissertation*

*Similarity Based Large Scale Malware Analysis: Techniques and Implications*

by  
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For the Ph.D. degree in Computer Science & Engineering

*Type short abstract malware remains one of the major attacking tools for cyber criminals and is responsible for many notorious cyber-attacks in recent years. This research first described novel control flow graph (CFG) comparison algorithms that can be applied to achieve accurate and efficient binary similarity analysis, then presented a specialized Android malware clustering system for solving the unique challenges faced in Android malware analysis domain. Lastly, this research explored the practical implications of machine learning based approaches for malware detection.*

Wednesday, June 13, 2018

9:30 AM

ENB 313

THE PUBLIC IS INVITED

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