

# 21<sup>st</sup> Annual Security Conference & ISOneWorld

with the kind participation of the FBI and the US Secret Service

|   |   |
|---|---|
| <b>8.00-8.30 AM</b>   | Registration & Coffee   |
| <b>8.30 - 9.15 AM</b><br><br>Chair:<br>Gurpreet<br>Dhillon    | Opening Keynote<br>Conference Room: TUSCANY<br><br><br><br><b>“Ethical Issues involving Cybersecurity”</b><br>Stuart Madnick<br><i>MIT Sloan School of Management, USA</i> |
| <b>9.15 – 10.00 AM</b><br><br>Chair:<br>Dionysios<br>Demetis  | Chad Doiron, United States Secret Service<br><br><b>“THE UNITED STATES SECRET SERVICE REVIEW: LATEST TRENDS”</b>  |
| <b>10.00 – 10.30 AM</b><br><br>Chair:<br>Dionysios<br>Demetis | Steve Furnell, Nottingham University, UK<br><i>Scenario-based learning for collaborative cybersecurity education</i>  |

|   |  |
|---|--|
| <p><b>10.30 - 11.00 AM</b></p>                              | <p style="text-align: center;">Coffee Break</p>   |
| <p><b>11.00 - 12.30 PM</b><br/>Chair:<br/>Steve Furnell</p> | <p style="text-align: center;">Niek van Rensburg, <i>MIT Sloan School of Management, USA</i><br/> Stuart Madnick, <i>MIT Sloan School of Management, USA</i><br/> Jeffrey Proudfoot, <i>Bentley University and MIT Sloan School of Management, USA</i><br/> Chris Rezek, <i>Google, USA</i><br/> <i>Insights gained while exploring regulation and cybersecurity maturity</i> <a href="#">[pdf]</a></p> <p style="text-align: center;">Jason Xiong, Christopher Taylor, and Scott Hunsinger, <i>Appalachian State University, USA</i><br/> <i>Benchmarking Cybersecurity Programs in Higher Education: The current landscape and path forward</i> <a href="#">[pdf]</a></p> <p style="text-align: center;">Mark Schmidt, <i>St Cloud State University, USA</i><br/> <i>Biometrics as Part of a Multifactor Authentication Strategy</i></p> |
| <p><b>12.30 - 1.45 PM</b></p>                               | <p style="text-align: center;">Lunch (on your own)</p>   |
| <p><b>1.45 – 2.30 PM</b><br/>Chair:<br/>Wei Xie</p>         | <p style="text-align: center;">Mohamed Abdelhamid and Shruti Pingale, <i>California State University, Long Beach, USA</i><br/> <i>Detecting Phishing URLs using Machine Learning</i> <a href="#">[pdf]</a></p> <p style="text-align: center;">Dionysios Demetis, <i>Hull University Business School, UK</i><br/> Mohamed Abdelhamid, <i>California State University Long Beach, USA</i><br/> Gurpreet Dhillon, <i>University of North Texas, Texas, USA</i><br/> <i>A measurement model for cybersecurity readiness</i></p>  |

|   |  |
|---|--|
| <p><b>2.30 - 3.30 PM</b></p> <p>Chair:<br/>Mohamed Abdelhamid</p> | <p>Murray Jennex, West Texas A&amp;M, USA<br/><i>Mitigating the risk of losing critical knowledge in businesses/organizations: lessons from covid-19</i> <a href="#">[pdf]</a></p> <p>Michael Sorensen and Mark Schmidt, St Cloud State University, USA<br/><i>Cyber Security Strategy: Comparing Iceland and the USA</i></p>  |
| <p><b>3.30 - 4.00 PM</b></p>                                      | <p><b>Coffee Break</b></p>    |
| <p><b>4.00 - 6 PM</b></p> <p>Chair:<br/>Mark Schmidt</p>          | <p>Omotola Abe, Kamana K C, and Koichiro Watari, St Cloud State University, USA<br/><i>IoT Vulnerabilities Influencing Data Security through the black market</i></p> <p>Koichiro Watari, Omotola Abe, and Kamana K C, St Cloud State University, USA<br/><i>The impact of real and fake cyberattack news on business</i></p> <p>Abdul Gifer Khan and Joynab Mohammed, St Cloud State University, USA<br/><i>A look inside digital forensics investigations and a digital forensic case study</i></p> <p>Revanth Pasam and Kiran Kumar, St Cloud State University, USA<br/><i>Lessons Learned from the Orion Supply Chain Attack</i></p> |

Hasan Makhloq, St Cloud State University, USA  
*The emergence of Deepfake Technology*

**Suggested Late evening Informal Dinner 7.30pm: Bahama Breeze (Opposite of Tuscany)**



## Day 2 – Friday (27<sup>th</sup>)

|   |   |
|---|---|
| <b>8.00-8.30 AM</b>                                   | Registration & Coffee   |
| <b>8.30 - 9.15 AM</b><br>Chair:<br>Steve Furnell      | <p style="text-align: center;"><b>Conference Room: TUSCANY</b></p> <p style="text-align: center;">Preston Ackerman, Federal Bureau of Investigation, USA<br/><b>“THE FBI REVIEW: LATEST TRENDS”</b></p>   |
| <b>9.15 – 10.15AM</b><br>Chair:<br>Mark Harris        | <p style="text-align: center;">Mark Harris, Augusta University, USA<br/>Ron Martin, Augusta University, USA<br/>Amita Chin, Virginia Commonwealth University, USA<br/><i>Telemedicine Adoption: An empirical review of theoretical model usage</i> <a href="#">[pdf]</a></p> <p style="text-align: center;">Wei Xie and Charlie Chen, Appalachian State University, USA<br/><i>Understanding switching intention to e-commerce drone delivery: a privacy risk hedging view</i> <a href="#">[pdf]</a></p>            |
| <b>10.15 - 10.30 AM</b>                               | <p style="text-align: center;"><b>Coffee Break</b></p> <p style="text-align: center;"></p>  |
| <b>10.30 - 12.00 PM</b><br><br>Chair:<br>Alfredo Cruz | <p style="text-align: center;">Alejandra Vidal, Alfredo Cruz, and Roberto Vázquez, Polytechnic University of Puerto Rico, USA<br/><i>Real-Time Acoustic Firearm Classification and Detection Systems</i> <a href="#">[pdf]</a></p> <p style="text-align: center;">Hugo Delgado-Martí, Roberto Vázquez Ferrer, Alfredo Cruz, Polytechnic University of Puerto Rico, USA<br/><i>Exploration of Heuristic and Probabilistic Tools in Quantum Computing with Applications to Cryptography</i> <a href="#">[pdf]</a></p> |

|  |  |
|--|--|
|  | <p>Edna Chaar, Polytechnic University of Puerto Rico, USA<br/>         Jeffrey Duffany, Ana G Mendez University, Puerto Rico, USA<br/> <i>Efficient IoT Attack Detection in the Fog Layer</i> <a href="#">[pdf]</a></p>  |
| <b>12.00 – 1.30 PM</b>   | <p><a href="#">Lunch at the Firenze Room</a></p>   |
| <p><b>1.30 - 3.00 PM</b><br/>         Chair:<br/>         Jeffry Duffany</p> | <p>Jeffrey Duffany, Ana G. Mendez University,<br/>         Natalia Martinez, Polytechnic University of Puerto Rico, USA<br/> <i>Design of an Emergency MANET based on cellular phone technology</i> <a href="#">[pdf]</a></p> <p>Carla Varela-Rosa, Polytechnic University of Puerto Rico, USA<br/>         Jeffrey Duffany, Universidad del Turabo, USA<br/> <i>The impact of segmentation and overlapping in feature extraction for biometric human authentication systems</i> <a href="#">[pdf]</a></p> <p>Roberto Vazquez, Polytechnic University of Puerto Rico, USA<br/>         Jeffrey Duffany, Ana G. Mendez University, USA<br/>         Alfredo Cruz, Polytechnic University of Puerto Rico, USA<br/> <i>Efficient Biometric Gait Authentication by using an accelerometer sensor</i> <a href="#">[pdf]</a></p> |

