

**Annual Security Conference / ISOneWorld Conference Information**  
**Institute Las Vegas Conferences**  
**Schedule : April 18-20, 2017**

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**Tuesday April 18**

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**8.00-8.30 AM** Registration & Coffee

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**Florentine Ballroom F**

**8.30 – 9.15 AM**



Opening Keynote  
Chair: Gurpreet Dhillon  
Viswanath Venkatesh - Big  
data breaches and customer  
compensation  
University of Arkansas,  
USA

**Parallel Session 1 – Florentine Ballroom F**

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**9.15 – 10.30 AM**

Session Chair – Spiro Samonas

Salvatore Aurigemma, University of Tulsa, USA  
Preston Ackerman, Federal Bureau of Investigation (FBI), USA  
Thomas Mattson, University of Richmond, USA  
Lori Leonard, University of Tulsa, USA

*Motivating Multifactor Authentication Use Among Millennial End-Users*

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Noël Richards, National Information Assurance Partnership (NIAP),  
National Security Agency (NSA), USA

*Evaluation of Mobile Devices for Use within the DoD....and other places*

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Noël Richards, National Information Assurance Partnership (NIAP),  
National Security Agency (NSA), USA

*NIAP and the Critical Role of Protection Profiles.*

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**10.30 – 11.00 AM**

Coffee Break

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**11.00 AM – 12.30 PM**

Session Chair – Nathan Clarke

William Jackson, University of Southern Mississippi, USA  
Noah Anglin, University of Southern Mississippi, USA  
Ian Hurley, University of Southern Mississippi, USA  
Conner West, University of Southern Mississippi, USA  
Jeremiah Scott, University of Southern Mississippi, USA  
Kenneth Redeemer, University of Southern Mississippi, USA  
Partha Sengupta, University of Southern Mississippi, USA

*Web Design Security: Foundation Not Feature*

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Nathan Clarke, University of Plymouth, UK  
Fudong Li, University of Plymouth, UK

*The Next Generation of Digital Forensic Capability*

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Najem Mahmoud, University of Plymouth, UK  
Steven Furnell, University of Plymouth, UK  
Paul Dowland, Edith Cowan University, Australia

*Towards Targeted Security Awareness Raising*

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**12.30 – 2.00 PM**

Lunch (on your own)

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**2.00 – 3.30 PM**

Session Chair – Stephen Furnell

Bongsik Shin, San Diego State University, USA  
Dan Kim, North Texas University, USA

*Reengineering cybersecurity: A simulation study*

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Pardon Maoneke, University of Fort Hare, South Africa  
Stephen Flowerday, University of Fort Hare, South Africa  
Naomi Isabirye, University of Fort Hare, South Africa

*A model for usable and secure passphrases by multilingual user groups*

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Steven Furnell, University of Plymouth, UK  
Ram Herkanaidu, University of Plymouth, UK  
Maria Papadaki, University of Plymouth, UK

*Online Risk Awareness and Exposure of Young People in Thailand*

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**3.30 – 4.00 PM**

Coffee Break

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### **Parallel Session 2 – Florentine Ballroom G**

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**9.15 – 10.30 AM**

Session Chair – Dionysis Demetis

Nathan Wenzler, AsTech Consulting

*Vulnerability Management is NOT Dead (despite our best efforts to kill it)*

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Featured Speaker: Pamela Sydelco, Global Security Sciences Division  
Argonne National Laboratory, USA

*Systems Thinking Your Way Around Tangled, Messy, and Wicked Security Problems*

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**10.30 – 11.00 AM**

Coffee Break

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**11.00 AM – 12.30 PM**

Session Chair – Osama Rabie

Yoshuam Alciea, Polytechnic University of Puerto Rico, Puerto Rico

*Experience Learned in CTF Competitions*

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Dien Phan and Kim Phan, St. Cloud State University, USA

*Analytic Methods to Analyze and Predict Causes of Security Failures in Power Grid*

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Carlos Velez, Polytechnic University of Puerto Rico, Puerto Rico

*Development of a Laboratory Component for an Information Security Introductory Course Using a Virtual Environment*

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**12.30 – 2.00 PM**

Lunch (on your own)

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**2.00 – 3.30 PM**

Session Chair – Sérgio Nunes

Nicholas Lennox, Nelson Mandela Metropolitan University, South Africa  
Bertram Haskins, Nelson Mandela Metropolitan University, South Africa

*Guidelines to Improve the Security and Privacy Consciousness among Online Gamers*

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Romilla Syed, University of Massachusetts Boston, USA  
Gurpreet Dhillon, Virginia Commonwealth University, USA

*An Empirical Analysis of Information Security Reputation Threat*

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Rui Chen, Ball State University, USA  
H. Raghav Rao, University of Texas, San Antonio, USA  
Rohit Valecha, University of Texas, San Antonio, USA

*Effects of Data Breach Fatigue on Post Breach Response*

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**3.30 – 4.00 PM**

Coffee Break

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**Florentine Ballroom F**

**4.00 – 5.30 PM**

Panel: Insider Threats

Harry Nimon, Henley-Putnam University, USA  
Preston Ackerman, Federal Bureau of Investigation (FBI), USA

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Nathalie Rébé, University of Burgundy, France  
Nathan Clarke, University of Plymouth, UK  
Dionysios Demetis, University of Hull, UK

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**Late evening: Freemont Experience  
Downtown Las Vegas**



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**Wednesday April 19**

**8.00-8.30 AM**

Registration & Coffee

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**Parallel Session 1 – Florentine Ballroom F**

**8.30 – 10.00 AM**

Session Chair – Yun-Sik Choi

Yunhui Zhuang, City University of Hong Kong, Hong Kong  
Yun-Sik Choi, University of Texas at Austin, USA  
Alvin Leung, City University of Hong Kong, Hong Kong  
Gene Moo Lee, University of Texas at Arlington, USA  
Shu He, University of Connecticut, USA  
Andrew Whinston, University of Texas at Austin, USA

*Towards A Better Measure of Cybersecurity Awareness: An Exploratory Study of Online Scams in Pan-Asia*

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Tawicha Trakulyingyong, Thammasat University, Thailand  
Jirapon Sunkpho, Thammasat University, Thailand

*An Examination of Thai Government Approach in Cybersecurity*

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Bo Han, Texas A&M University, USA

*User's information security awareness in a bring-your-own-device program*

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**10.00 – 10.30 AM**

Coffee Break

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**Parallel Session 2 – Florentine Ballroom G**

**8.30 – 10.00 AM**

Session Chair - Mahesh Raisinghani

Nicky Fournier, University of Maryland University College, USA  
Mahesh Raisinghani, Texas Woman's University, USA

*Quality Management in a Research and Development Environment*

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Abiola Are, University of Maryland University College, USA  
Mahesh Raisinghani, Texas Woman's University, USA

*The Impact of Leadership on Project Quality Management: A Critical Perspective*

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Tung Cu, Bloomsburg University of Pennsylvania, USA

*Disruptive Innovations: The Case of The Internet of Things*

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**10.00 – 10.30 AM**

Coffee Break

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**Florentine Ballroom F**

**10.30 AM – 12.00 PM**

Session Chairs – Spiro Samonas & Dionysis Demetis

Featured Speaker: Brett Johnson, AnglerPhish Security

*ShadowCrew: A Cybercriminal Perspective*

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Featured Speaker: William Byrnes, Texas A&M University, USA

*Incentivizing Good Tax Administrations among the World of Black Hat and Grey Hat Governments: A Carrot & Stick Policy Proposal*

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**12.00 – 1.30 PM**



**Lunch Keynote – Florentine Ballroom E**

Chair: Spiro Samonas

Ian Angell – The Future of Money  
London School of Economics, UK

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**Parallel Session 1 – Florentine Ballroom F**

**1.30 – 3.00 PM**

Workshop: Reverse Engineering 101

Jeff Duffany, Polytechnic University of Puerto Rico, Puerto Rico  
Yoshuam Alicea, Polytechnic University of Puerto Rico, Puerto Rico  
Carlos Velez, Polytechnic University of Puerto Rico, Puerto Rico

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**3.00 – 3.30 PM**

Coffee Break

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**3.30 – 5.00 PM**

Session Chair – Jesualdo Fernandes

Jesualdo Fernandes, ISEG, University of Lisboa, Portugal

*An Agile Approach for IS/IT Benefits Management*

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Sanjay Kamani, KP Property Advisors, USA

*Bringing Commercial Real Estate to a connected world: Security Challenges*

Alfred Musarurwa, University of Fort Hare, South Africa  
Stephen Flowerday, University of Fort Hare, South Africa  
Liesel Cilliers, University of Fort Hare, South Africa

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*Individual traits that determine the Bring Your Own Device information security culture: A case study of the banking sector in Zimbabwe*

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**Parallel Session 2 – Florentine Ballroom G**

**1.30 – 3.00 PM**

Workshop: *Basic Cryptography and Steganography*

Mark Schmidt, St. Cloud State University, USA

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**3.00 – 3.30 PM**

Coffee Break

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**3.30 – 5.00 PM**

Session Chair – Juyun Cho

Juyun Cho, Colorado State University-Pueblo, USA

*Mobile Readiness of the U.S. State Government Website*

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Salvatore Aurigemma, University of Tulsa, USA

Thomas Mattson, University of Richmond, USA

Lori Leonard, University of Tulsa, USA

*Enhancing End-User Psychological Capital to Motivate Voluntary Security Actions*

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Nivedita Murthy, Synopsys, USA

*Hide Before It's Too Late! How to Obfuscate Your Data in Test/Development Databases.*

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**Bellagio Fountains, The Strip, Las Vegas**



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**Thursday, April 20**

**8.00-8.30 AM**

Registration & Coffee

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**Florentine Ballroom G**

**8.30 – 10.00 AM**

Session Chair – Mark Schmidt

Maha Sabir, Catholic University of America, USA  
James Jones, George Mason University, USA  
Hang Liu, Catholic University of America, USA

*A Non-Algorithmic File-Type Independent Method for Hiding Persistent Data in Files*

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Majedah Alkharji, The Catholic University of America, USA  
Mayyada Al Hammoshi, Virginia International University, USA  
Chunqiang Hu, The Catholic University of America, USA  
Hang Liu, The Catholic University of America, USA

*Genetic Algorithm based key Generation for Fully Homomorphic Encryption*

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Joshua Faust, St. Cloud State University, USA

*Forensic analysis of UNIX based systems*

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William Smith, St. Cloud State University, USA  
Mark Schmidt, St. Cloud State University, USA  
Ernest Foo, Queensland University of Technology, Australia

*Geographic Correlation to Password Complexities and Cyber Security Awareness*

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**10.00 – 10.30 AM**

Coffee Break

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**10.30AM – 12.00PM**

Session Chair – Mark Schmidt

Kim-Oahn Phan, St. Cloud State University, USA  
William Smith, St. Cloud State University, USA

*Firmware Malware in Solid State Drives and the Changing Digital Forensics Landscape*

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Praveen Uprety, St. Cloud State University, USA

*Preventing Cyber Attack in Federal Agencies*

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Mustafa Khambatta, St. Cloud State University, USA

*DOS and DDOS attacks on different OSI Layers*

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Blake Tyra, St. Cloud State University, USA  
Krystal Balduc, St. Cloud State University, USA  
Matthew McCullough, St. Cloud State University, USA

*Digital Forensics: Solid State Data Recovery*

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**Thank you!**

