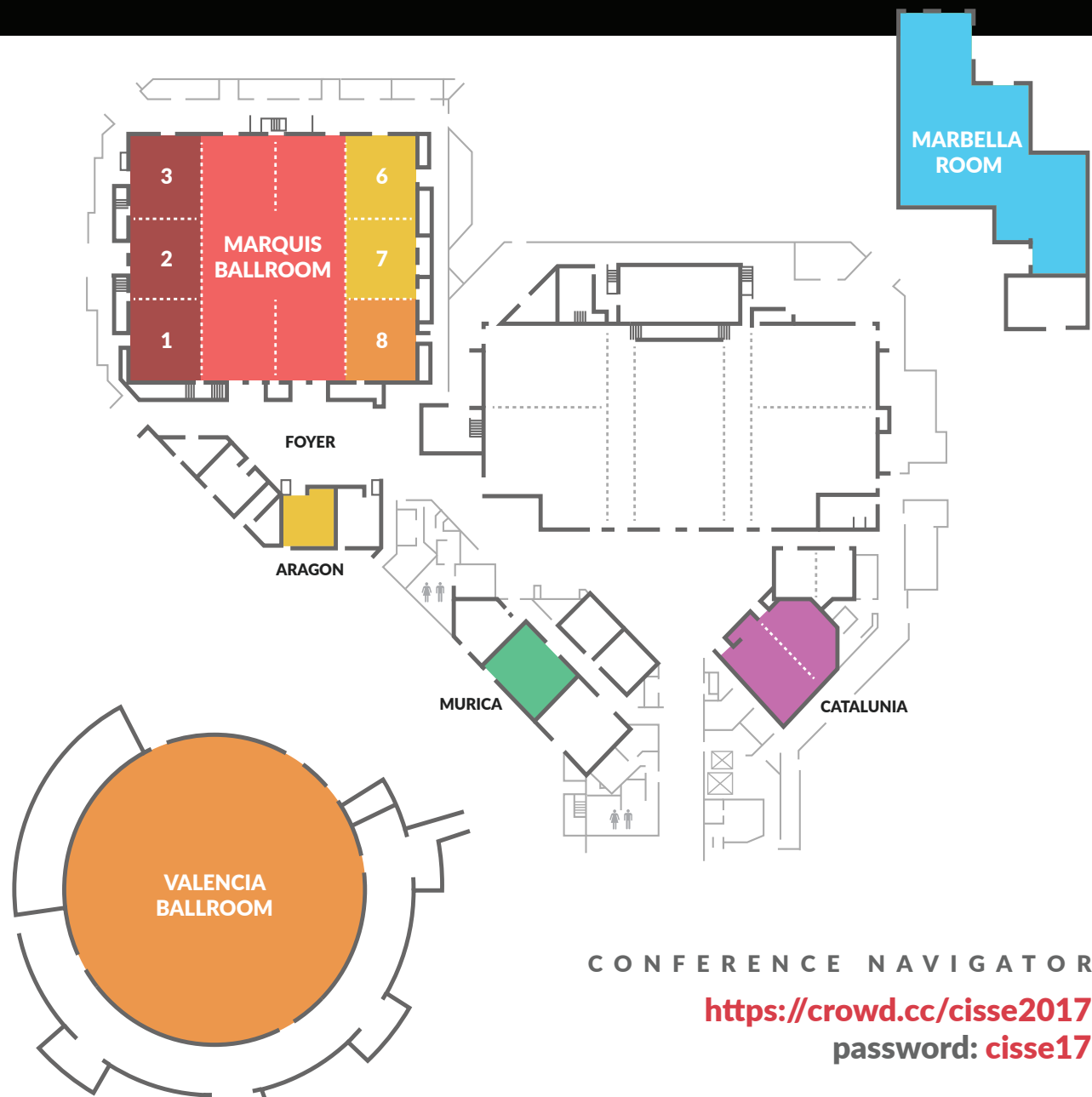


JW MARRIOTT RESORT & SPA



21ST COLLOQUIUM

June 12th to 14th, Las Vegas, NV

Sunday, June 11th

12:00 PM 6:00 PM	Registration Foyer
12:00 PM 4:00 PM	Hands-on Cyber Student Event Marbella Room
6:00 PM 7:00 PM	Welcome Cocktail Party Valencia Ballroom

Monday, June 12th

8:00 AM 9:00 AM	Breakfast Marquis Ballroom
9:00 AM 9:30 AM	Welcome Marquis Ballroom
9:30 AM 10:15 AM	Keynote Matt Heff, <i>Developing Synergy, Partnerships and Shifting the Cybersecurity Education Paradigm</i> Marquis Ballroom
10:15 AM 10:30 AM	Coffee Break Foyer
10:30 AM 11:15 AM	Keynote Nancy R. Mead, <i>Using Malware Analysis to Identify Overlooked Security Requirements</i> Marquis Ballroom
11:15 AM 12:00 PM	Panel Community College Marquis Ballroom
12:00 PM 1:00 PM	Lunch Marquis 1 to 3
12:45 PM 1:00 PM	Briefing Cyber Competitions Sessions Marquis 1 to 3
1:15 PM 1:55 PM	Keynote Carsten Maple, <i>Accreditation of Degrees in the UK</i> Marquis Ballroom
2:00 PM 3:00 PM	Panel State Cyber Programs from Around the Country Marquis Ballroom
3:00 PM 3:30 PM	Coffee Break Foyer
3:30 PM 4:45 PM	Panel South Nevada Cybersecurity Alliance Marquis Ballroom

5:00 PM	Sponsorship Appreciation and Meet the Candidates
6:30 PM	Cocktail Party Marquis Ballroom

Breakouts & Workshops

10:00 AM 4:00 PM	Hands-on CyberPatriot Drop-in Session Marbella Room
10:00 AM 11:00 PM	Breakout The State of K-12 Cybersecurity Education in the U.S. Marquis 8
10:30 AM 12:00 PM	Workshop Integrate a BBC Micro:bit into any Subject or Grade-level Aragon Room
11:00 AM 12:00 PM	Breakout What is CyberPatriot and how to start a program back home? Marbella Room
1:15 PM 2:00 PM	Breakout Gaining hands-on experience through Community Partnerships Aragon Room
1:15 PM 2:00 PM	Breakout Shall We Play a Game? Finding Better Ways to Search for a Job in the Cybersecurity Field Marquis 8
2:00 PM 3:00 PM	Breakout Developing Accreditation Criteria for Undergraduate Cybersecurity Programs Aragon Room
2:00 PM 3:00 PM	Breakout High Impact Training Solution - Are the kids at risk? Marquis 8
3:30 PM 4:30 PM	Breakout Catalyzing Computing and Cybersecurity in the Community College (C5) Marquis 8

Round Table Sessions

9:30 AM 11:00 AM	Doherty (71), Biswas (43), Raina (44), Kari (68) Marquis 6 & 7
1:15 PM 3:00 PM	You (34), Engle (49), Sharevski (5), Corlin (61), Kommera (26) Marquis 6 & 7
3:30 PM 5:00 PM	Hinds (54), Wilson (53), Collier (32), Buchanan (40) Marquis 6 & 7

Paper Sessions

9:30 AM 10:00 AM	<i>Searching and Developing Cybersecurity Talent</i> Barbara Endicott-Popovsky, Viatcheslav M. Popovsky Catalunia A & B
10:30 AM 11:00 AM	<i>An Analysis of Security Competitions for a Beginner's Guide</i> Gu, Burns, Rios, Jordan, Underwood Catalunia A & B
11:00 AM 11:30 AM	<i>Curriculum Development for Teaching Critical Infrastructure Protection</i> David Oliver and Michael Haney Catalunia A & B
1:15 PM 1:45 PM	<i>What Constitutes Core in a Cyber Security Curriculum?</i> William (Art) Conklin Catalunia A & B
1:45 PM 2:15 PM	<i>Initial Steps Towards Assessing Cybersecurity Courses</i> Scott Bell Catalunia A & B
2:15 PM 2:45 PM	<i>Towards the Design of an Interdisciplinary Bridge Curriculum in Health Information Systems: A Pilot Study</i> Niya F Werts, Subrata Acharya Catalunia A & B
2:45 PM 3:15 PM	<i>Smart TV Upgrade, Privacy Downgrade?</i> Michele Azar, Cindy Hoffman, Chueyee Fang, Abdifatah Abdi-Nur Catalunia A & B

Presentation Sessions

10:00 AM 10:30 AM	<i>The Potential Influence of Academic Degrees on Attempt Rates of CISSP Examination Takers</i> Pittman and Craft Murica Room
10:30 AM 11:00 AM	<i>A Survey on Online-Banking Security Models, Successes, and Failures</i> Abdu Murica Room
11:00 AM 11:30 AM	<i>Scare, Prepare and Dare: High impact, low cost incorporation of cybersecurity into high school curriculum</i> Uppuluri, Chase, Pittges Murica Room
11:30 AM 12:00 PM	<i>Cybersecurity as a Meta-Discipline</i> Ekstrom, Parrish, Sobieski, Raj Murica Room
1:15 PM 1:45 PM	<i>An Early College Approach to Cybersecurity Workforce Development: Online Instructional Infrastructure, Student Support and the Improvement of Practice</i> Nakama, Haynes, Paullet, Yamanuha Murica Room

1:45 PM	<i>Do You Have a Cyber Delinquent at your House? A Strategic Framework to Prevent and Intervene Teen Cybercrimes</i>
2:15 PM	Liu, Murphy, Conrad Murica Room
2:15 PM	<i>A Novel Anti-Adversarial Compromise and Tamper-Resistant IoT/CPS Trusted Computing Protocol – IoTCP</i>
2:45 PM	Wang, Shumba, Kelly Murica Room
2:45 PM	<i>Mobile Security: A US Intelligence & Counterterrorism Dilemma</i>
3:15 PM	Robert Duhainy Murica Room

Tuesday, June 13th

8:00 AM	Breakfast
9:00 AM	Marquis Ballroom
9:00 AM	Opening and notes for the day
9:15 AM	Marquis Ballroom
9:15 AM	Keynote
9:45 AM	Eugene Spafford, Executive Director, Purdue CERIAS Marquis Ballroom
9:45 AM	Keynote
10:15 AM	Leigh Ann Delyser, <i>CSforAll: Progress, Partnerships, and Priorities</i> Marquis Ballroom
10:15 AM	Coffee Break
10:30 AM	Foyer
10:30 AM	Keynote
11:00 AM	Matt Bishop, Co-Director Cyber Security Lab, University of California at Davis Marquis Ballroom
11:00 AM	Keynote
11:30 AM	William Caelli, <i>Cybersecurity Policies in Australia - Catch-up Time!</i> Marquis Ballroom
11:30 AM	Briefing
12:00 PM	Women & Minorities (WAM) Murica Room
12:00 PM	Lunch
1:00 PM	Marquis 1 to 3
1:15 PM	Briefing
1:45 PM	NSA, NIETP - An Overview of the NSAs Core Curriculum for Cybersecurity Marquis 1 to 3
1:45 PM	Briefing
2:15 PM	NSA - The GenCyber Program Marquis Ballroom

2:15 PM	Briefing
3:00 PM	The President's Executive Order on Growing and Sustaining a Knowledgeable and Skilled Cybersecurity Workforce Marquis Ballroom
3:00 PM	Coffee Break
3:30 PM	Foyer
3:30 PM	Panel
4:30 PM	Partnering to Close the Global Cybersecurity Skills Chasm - Leveraging Academics and Training to Develop the Workforce Marquis Ballroom
6:00 PM	21st Annual Award Dinner
8:00 PM	Marquis Ballroom

Breakouts & Workshops

9:00 AM	Workshop
11:00 AM	The Art of Red and Blue Teaming, Teaching Cyber through Competition Aragon Room
10:00 AM	Hands-on
4:00 PM	Collegiate Competitions Drop-in Session Marbella Room
10:30 AM	Breakout
12:00 PM	Discover a 21st Century Academic - Private Sector Cybersecurity Workforce Development Model Marquis 8
10:30 AM	Workshop
12:00 PM	CAE 4 and 2-year Academic Workshop Marquis 6 & 7
11:00 AM	Breakout
12:00 PM	Collegiate Competitions - everything you need to know to get into the GAMES! Marbella Room
11:00 AM	Workshop
12:00 PM	Aligning Cybersecurity K-12 Education and CSforAll Aragon Room
1:15 PM	Breakout
2:15 PM	EC-Council Academic Partnerships Marquis 8
1:15 PM	Working Group
3:30 PM	Woman and Minorities (WAM) Aragon Room
2:15 PM	Breakout
3:00 PM	CompTIA, Academic Partnerships Marquis 8

2:15 PM	Breakout
4:30 PM	NSA Follow-up and Funding Opportunities, including Cybersecurity Curriculum Development Murica Room
3:00 PM	Breakout
4:30 PM	DHS and NIST Follow-up Session Marquis 8

Paper Sessions

9:30 AM	<i>Educating Consumers on the Security and Privacy of Internet of Things (IoT) Devices: A Quantifiable Security Compliance Measurement System to Aid in Purchasing Decisions</i>
10:00 AM	M Khadeer, Dupuis, S Khadeer Catalunia A & B
10:00 AM	<i>Teaching Cyber Resilience for Critical Infrastructure Systems</i>
10:30 AM	Conklin, Kohnke Catalunia A & B
10:30 AM	<i>Cybersecurity Career Profiling</i>
11:00 AM	Morgan Andreanna Zantua Catalunia A & B
11:00 AM	<i>Cyber Education outside the Cyber Space: the case of the Catholic University Institute of Buea</i>
11:30 AM	Ngatchu, Anye, Kwedeu, Butler Catalunia A & B
11:30 AM	<i>Identity Theft Education: FIT Report</i>
12:00 PM	Susan Helser Catalunia A & B
1:15 PM	<i>The Calculus of Cyber Warfare as Influenced by the Subtle Art of Military Theory</i>
1:45 PM	Shaw, Carr, Muehleisen Catalunia A & B
1:45 PM	<i>Applying Nodal Governance to Combat Cybercrime: A Novel Approach</i>
2:15 PM	Wilson, Laidlaw Catalunia A & B
2:15 PM	<i>Cybersecurity Education at Formal University Level: An Australian Perspective</i>
2:45 PM	William (Bill) Caelli, Vicky Liu Catalunia A & B
3:15 PM	<i>Development in Training and Education for Australian Cyber Security: Filling the Gaps</i>
3:45 PM	Jill Slay, Greg Austin Catalunia A & B
3:50 PM	<i>Developing Postgraduate Cyber Security Programs at the Australian Centre for Cyber Security at the University of New South Wales Canberra at ADFA</i>
4:20 PM	Elena Sitnikova Catalunia A & B

Presentation Sessions

9:30 AM *Cyber Range Exploration - A Range of Possibilities*
10:00 AM Guenther, Levesque, Ahvakana, DeRoest, DeLeon, Bold
Murica Room

10:00 AM *Meaningful Choices for Cybersecurity Education*
10:30 AM Laurin Buchanan, Lori Scarlatos
Murica Room

10:30 AM *Comparison of Randomness of SecureRandom and Trivium by using NIST's STS*
11:00 AM Latoya Jackson, Yesem Kurt-Peker
Murica Room

11:00 AM *Connecting the Boardroom to the Server Room: An Example of Using the KPB Model to Develop Capacity to Train Executives to Lead Cyber Preparedness and Response*
11:30 AM Tom Muehleisen
Murica Room

11:30 AM *Integrate Insider Treat into Cyber Security Curriculum*
12:00 PM Hongmei Chi
Murica Room

1:15 PM *QuaSim: A Simulation-Based Instructional Tool for Learning Quantum Cryptography*
1:45 PM McDermott, Vadla, Bommanapally, Parakh, Ostler, Subramaniam
Murica Room

1:45 PM *Forensics Education: Towards a Digital Forensics Instructional Framework*
2:15 PM Rick Kiper
Murica Room

Wednesday, June 14th

8:00 AM **Breakfast**
9:00 AM Marquis Ballroom

9:00 AM **Opening and notes for the day**
9:15 AM Marquis Ballroom

9:15 AM **Keynote**
9:45 AM Collin Williams, *The Machine In Our Ghosts: Homo Sapiens Cyborgia; Evolution Or Extinction?*
Marquis Ballroom

9:55 AM **Paper of the Year**
10:45 AM *Academic Influence of Social Network Sites on the Collegiate Performance of Technical College Students*
Jameson McFarlane, Thorne Jameson McFarlane, Leon Bernard
Marquis Ballroom

10:45 AM **Erich Spengler Student Paper of the Year**
11:30 AM *Cybersecurity Training and the End-User: Pathways to Compliance*
Dinesh Reddy, Srinivasan Rao, Glenn Dietrich
Marquis Ballroom

11:30 AM **Briefing**
12:15 PM **Joint Task Force on Cybersecurity Education**
Marquis Ballroom

12:15 AM **Lunch & Town Hall Meeting (Closing)**
2:00 PM Valencia Ballroom

Paper Sessions

8:15 AM *Discovery of Insights on Cybersecurity Education*
8:45 AM *Using Analytics from Twitter*
Zenebe and Yorkman
Marquis Ballroom

