

**21st International Conference on Cyber Warfare and Security**  
**ICCWS 2026 Physical Timetable**  
**5 - 6 March 2026**  
**University of North Carolina (UNCW), Wilmington, USA**

**Wednesday 4th March 2026**

**18:00** Pre-conference Registration and Welcome Drink: Courtyard Wilmington/Wrightsville Beach  
 151 Van Campen Blvd, Wilmington, NC 28403, USA

**Thursday 5th March 2026**

**08:30** Conference Registration and coffee in the Foyer of Congdon Hall

**09:00** **Room 1008**  
 Welcome and Opening of the Conference: **Dr. Ron Vetter**, Dean, College of Science and Engineering, UNCW  
**Dr. Ulku Clark**, Director of the Center for Cyber Defense Education, UNCW

**09:20** **Keynote Presentation: AI: The New Attack Surface**  
**Jeff Crume**, NC State University, USA

**10:10** Conference splits into streams

	<b>Room 1012</b> <b>Stream A: MiniTrack on Cybersecurity at the Digital Frontlines</b> <b>Chair: Zakariya Belkhamza</b>	<b>Room 1013</b> <b>Stream B: MiniTrack on Resilience and Innovation in Maritime</b> <b>Chair: Kasey Miller</b>
<b>10:20</b>	The Ethics of Not Doing: Technological Restraint in International Security Mary <b>Manjikian</b> , Regent University College of Arts and Sciences and USNWC Fleet Seiner Norfolk, Virginia Beach, USA (Presentation Only)	Cyber Security in the Subsea Telecommunication Cable Networks Martti <b>Lehto</b> and Hans <b>Hartikainen</b> , University of Jyväskylä, Finland, Julkunen <b>Petro</b> , University of Eastern Finland , Kuopio, Finland
<b>10:40</b>	On the Establishment of Trust: Challenges, Opportunities and Socio-Cultural Factors Christoph <b>Lipps</b> , German Research Center for Artificial Intelligence, Denise <b>Scharwatz</b> , RPTU University of Kaiserslautern-Landau , Germany and Henry <b>Collier</b> , Thomas Edison State University, Trenton, USA	Regulatory Challenges in Maritime Cybersecurity: Evidence from Expert Workshops Bilge <b>Karabacak</b> , Ulku <b>Clark</b> , Kasey <b>Miller</b> and Edwin <b>Garce</b> , UNCW, Wilmington, NC, USA
<b>11:00</b>	The Cyber-Physical Immune System: A Self-Healing V2X Framework for Global Defense and Healthcare Babajide <b>Asaju</b> , Woosub <b>Jung</b> , Saugath <b>Guni</b> and Almoustapha A. <b>Wakili</b> , Towson University USA	How Did They Get Aboard My Ship? Analyzing Vessel Cyber Incidents Using the Cyber Kill Chain Jeroen <b>Pijpker</b> and Stephen <b>McCombie</b> , NHL Stenden University of Applied Sciences, Emmen, Netherlands
<b>11:20</b>	From Whack-a-Mole to Hybrid Warfare: Cybersecurity Must Stop Playing the Wrong Game David <b>Kliemann</b> , IBM / Marquette University, Milwaukee, USA (Presentation only)	Mapping Maritime Cybersecurity Gaps to Regulations: A Quality Function Deployment (QFD) Application Bilge <b>Karabacak</b> , Ulku <b>Clark</b> , Jeff <b>Greer</b> and Jeff <b>Cummings</b> , UNCW, Wilmington, NC, USA
<b>11:40</b>	Bridging the Cyber Gap: Mapping Misalignment Between Digital Adoption and Cybersecurity Capacity Zakariya <b>Belkhamza</b> , Ahmed Bin Mohammed Military College, Doha, Qatar	A Review of the Maritime Cybersecurity Regime over the last Decade Leigh <b>Armistead</b> , Peregrine Technical Solutions, LLC., Juneau, Alaska, USA

**12:10** **Room 1008**  
**Maritime Cybersecurity Panel** Chaired by **Ulku Clark** (UNCW) with  
**Dr. Leigh Armistead**, President at Peregrine Technical Solutions; **Dr. Jeff Greer**, Professor of Practice at UNCW; **Dr. Aybars Oruc**, Founder at Cyber OnBoard & Maritime Cybersecurity Research Associate at UNCW and **Dr. Jeroen Pijpker**, Researcher at NHL Stenden University

**12:40** **Lunch on 2nd Floor**

	<b>Room 1012</b> <b>Stream A: MiniTrack on Interdisciplinary Research</b> <b>Chair: Char Sample</b>	<b>Room 1013</b> <b>Stream B: PhD and Masters Colloquium</b> <b>Chair: Geoff Stoker</b>
<b>13:40</b>	Implementing Countermeasures for Evasive VPN Clients in Educational Institutions Jason <b>Folker</b> , Indiana State University, Terre Haute, IN, USA	Doctrine-to-Deployment: Role of Advanced Persistent Threats in Russia's Information Confrontation Doctrine Elia <b>Gelati</b> , Center for Cyber Security and International Relations Studies, Florence, Italy and Luigi <b>Martino</b> , Università degli Studi di Bologna, Italy
<b>14:00</b>	SLMs Meet GraphRAG: A Structured Approach to Context-Aware Cybersecurity Hint Generation Ishan <b>Abraham</b> and Jens <b>Mache</b> , Lewis & Clark College, Portland, USA, Taylor <b>Wolff</b> , Jack <b>Hook</b> and Richard <b>Weiss</b> , Evergreen State College , Olympia, USA, Justin <b>Wang</b> , North Eastern University, Boston, USA	PRISM-APT: A Model-First Synthesis for APT Defence Raymond Andre <b>Hagen</b> , Norwegian Digitalisation Agency, Bergen, Norway
<b>14:20</b>	Evaluating an Investigative Process for Cryptocurrency-Related Crimes Johnny <b>Botha</b> , Kreaan <b>Singh</b> , CSIR, Pretoria, South Africa and Louise <b>Leenen</b> , University of Western Cape and CAIR, Cape Town, South Africa	Sleeper Code in Protein Data Files as Cyber Adversarial Vectors Tia <b>Pope</b> , North Carolina A&T State University, Greensboro, USA
<b>14:40</b>	Cyber Warfare, Cyber Bullying and Psychological Warfare: Ethical and Anticipated Ethical Issues Richard <b>Wilson</b> and Noah <b>Donnelly</b> , Towson University, USA (Presentation Only)	

**15:00** **Refreshments**

	<b>Room 1012</b> <b>Stream A: Legal</b> <b>Chair: Tia Pope</b>	<b>Room 1013</b> <b>Stream B: Cyberwar</b> <b>Chair: Martti Lehto</b>
<b>15:20</b>	Cyber-Space Governance: Securing Orbit through Resilient Global Traffic Management Philippe <b>Goffin</b> , Military Advisor, Permanent Representation of Belgium to the United Nations, New York, USA and Gazmend <b>Huskaj</b> , Geneva Centre for Security Policy (GCSP),	Cyber Operations and the Threshold for Cyber Warfare: Ethical and Anticipated Ethical Issues Richard <b>Wilson</b> and Noah <b>Donnelly</b> Towson University, Towson MD, USA
<b>15:40</b>	Echo Chambers, Filter Bubbles and Cyber Warfare: An Ethical and Anticipatory Ethical Analysis Richard <b>Wilson</b> and Noah <b>Donnelly</b> Towson University, Towson MD, USA	The APT Paradox: Sophisticated Simplicity in Nation-State Cyber Operations (2024-2025), Trends, Detection Provenance, and Practical Gaps Raymond Andre <b>Hagen</b> , Norwegian Digitalisation Agency, Bergen, Norway
<b>16:00</b>	Machine Learning (ML) to Evaluate Governance, Risk, and Compliance (GRC) Risks Associated With Large Language Models (LLMs) Upakar <b>Bhatta</b> , Central Washington University, USA	The Conceptualization of a National Malware Intelligence Laboratory for South Africa Wian <b>Gertenbach</b> , Andre <b>McDonald</b> , Ethan <b>Buckinjohn</b> and Rendani <b>Mmbodi</b> et al Council for Scientific and Industrial Research, South Africa

**16:20** **Close of conference day**

**19:00** **Conference Dinner at Bonefish Grill - 4719 New Centre Dr, NC 28405**

<b>Friday 6th March 2026</b>		
	<b>Room 1012</b> <b>Stream A: Communication Issues</b> <b>Chair: Christoph Lipps</b>	<b>Room 1013</b> <b>Stream B:AI</b> <b>Chair: Abigail Cliche</b>
09:00	The Life Cycle Approach to Effective Crisis Communications in Mitigating Cyber Threats and Attacks Jussi <b>Toivanen</b> and Vilma <b>Luoma-aho</b> , University of Jyväskylä, Jyväskylä, Finland	Agentic AI-Driven Social Engineering: An Elicitation Simulation for Cybersecurity Education Audrey <b>Fruean</b> , Hsiao-An <b>Wang</b> , Joshua <b>Goldberg</b> and Ruoyu <b>Zhao</b> et al Northeastern
09:20	Russia, Weaponized Social Media and Cyber Warfare: Ethical and Anticipated Ethical Issues Richard <b>Wilson</b> and Noah <b>Donnelly</b> , Towson University, USA	Revisiting Biometrics in Cybersecurity: Do AI Methods and Zero-Trust Architectures Drive Innovation? Siphesihle <b>Sithungu</b> , University of Johannesburg, Johannesburg, South Africa Christoph <b>Lipps</b> , German Research Center for Artificial Intelligence, Kaiserslautern, Germany
09:40	Malinformation, Deep Fakes and Cyber Warfare: Ethical and Anticipated Ethical Issues Noah <b>Donnelly</b> and Richard <b>Wilson</b> , Towson University, Towson MD, USA	The Efficacy of WPA3 in Enhancing Human-Centered Privacy in Wireless Networks Godisang Abigail <b>Duma</b> and Khutso <b>Lebea</b> , University of Johannesburg, Johannesburg, South Africa
10:00	<b>Poster Presentations and Refreshments</b>	
10:40	<b>Room 1008</b> <b>Keynote Presentation: CTEM: Mastering Continuous Threat Exposure Management</b> <b>Joe Evangelisto, NetSPI, USA</b>	
11:30	<b>Introduction to ICCWS 2027</b>	
11:35	<b>Conference Splits into Streams</b>	
	<b>Room 1012</b> <b>Stream A: Trust and Protecting Infrastructure</b> <b>Chair: Mary Manjikian</b>	<b>Room 1013</b> <b>Stream B: Cyber Issues</b> <b>Chair: Johnny Botha</b>
11:40	LLM-Assisted CPSTRIDE Threat Modeling for Critical Water Infrastructure Dallas <b>Elleman</b> , Amorita <b>Christian</b> and John <b>Hale</b> , The University of Tulsa, Tulsa, Oklahoma, United States	Smart Phones and Current Developments in Cyberwarfare: An Ethical and Anticipatory Ethical Analysis Richard <b>Wilson</b> and Noah <b>Donnelly</b> , Towson University, USA
12:00	Lessons Learned While Performing 'Hands On' Teaching in a Live Environment Adamu <b>Yusuf</b> , Justin <b>Clevenger</b> , Char <b>Sample</b> Marshall University, Huntington, USA	Migrating Time and Security-Critical PKIs to Post-Quantum Cryptography:SWIM and C-ITS Anni <b>Karinsalo</b> , Sara <b>Nikula</b> and Sami <b>Lehtonen</b> , VTT Technical Research Centre of Finland, Oulu, Finland
12:20	Critical Infrastructure, Industrial Control Systems and Cyber Warfare: Ethical and Anticipated Ethical Issues Richard <b>Wilson</b> and Noah <b>Donnelly</b> , Towson University, Baltimore, Maryland, USA	Secure Cross-Domain Data Validation with Field Programmable Gate Arrays Abigail <b>Cliche</b> , Ryan <b>Longwell</b> , Jason <b>Dahlstrom</b> and James <b>Brock</b> , Web Sensing, USA and Stephen <b>Taylor</b> , Dartmouth College, USA
12:45	<b>Summary of the Conference</b> <b>Awards to the winner of the Best PhD Paper and Best Poster</b>	
13:00	<i>Lunch on 2nd Floor</i>	
14:00	<b>Close of Conference</b>	
<b>Poster Presentations</b>		
<b>Posters will be presented at 10:00 on Friday morning. Please give your poster to us at the registration desk on arrival and we will display it for you</b>		
	<b>WIP with Poster</b>	<b>Poster Only</b>
	Automated Exploit Chain Modeling and Analysis Thomas <b>Wahl</b> , Nicholas <b>White</b> and Guang <b>Jin</b> , Trusted Science and Technology, Inc., USA, Sukarno <b>Mertoguno</b> , Kevin <b>Stevens</b> and Froy <b>Maldonado</b> Georgia Institute of Technology, Atlanta,GA, USA (WIP)	Bibliometric Analysis of Scientific Publications on "Cyber Security in Business" Nuray <b>Turan</b> , Karamanoglu Mehmetbey University, Karaman, Türkiye
		IT Funding Models: Optimizing Infrastructure and Security Debt Gregory <b>Hess</b> , Michigan State University, East Lansing, USA
		<b>Invited Posters</b>
		Defense in Depth at the Edge of Space Ryan <b>Longwell</b> , Abigail <b>Cliche</b> , James <b>Brock</b> , Sage Secilmis,Web Sensing, LLC., Lebanon, USA
		A Post-Quantum Migration Framework for SMEs & Government Agencies Raymond Andre <b>Hagen</b> , Norwegian Digitalisation Agency, Bergen, Norway
		An Introduction to Anticipatory Ethics for Cyber Warfare Richard <b>Wilson</b> , Philosophy/ Computer and Information Sciences Towson University,USA
		The Baseband Sovereignty Paradox: Anticipated Ethical and Technical Issues of Baseband Processors Noah <b>Donnelly</b> and Richard <b>Wilson</b> Computer and Information Sciences Towson University, USA

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**This Programme is in local time UTC -5 (Eastern Standard Time (EST))**

<b>Thursday 5th March 2026</b>			
08:30 <b>Zoom Room 1 Opens</b>			
09:00 <b>Zoom Room 1</b> Welcome and Opening of the Conference: Dr. Ron Vetter, Dean, College of Science and Engineering, UNCW Dr. Ulku Clark, Director of the Center for Cyber Defense Education, UNCW			
09:20 <b>Keynote Presentation: AI: The New Attack Surface</b> Jeff Crume, NC State University, USA			
10:10 <b>Conference Splits into Streams</b>			
	<b>Zoom Room 1</b> <b>Stream A: MiniTrack on Interdisciplinary Research</b> <b>Chair: Char Sample</b>	<b>Zoom Room 2</b> <b>Stream B: MiniTrack on Cybersecurity at the Digital Frontlines</b> <b>Chair: Shantu Asif Hossain</b>	<b>Zoom Room 3</b> <b>Stream C:</b> <b>Chair: Jukka Vuorinen</b>
10:20	AI Agents vs. Human Investigators: Balancing Automation, Security, and Expertise in Cyber Forensic Analysis Sneha <b>Sudhakaran</b> , Florida Institute of Technology, Melbourne, USA and Naresh <b>Kshetri</b> , Rochester Institute of Technology, Rochester, USA	Zero Trust Architecture for UAV/Rail Logistics Ecosystem Isaac <b>Ojeh</b> , MorphHats InfoSecure, Waterloo, Canada, Lucas <b>Potter</b> and Xavier <b>Palmer</b> , BiosVIEW Labs, USA	VessiGuard: AI-Driven Anomaly Detection for Maritime Cyber Defence Ravi Varma <b>Kanumuri</b> , Laavanya <b>Rachakonda</b> , Hosam <b>Alamleh</b> , Bilge <b>Karabacak</b> and Ulku Clark <b>Yaylacice</b> , University of North Carolina, Wilmington, USA
10:40	First Steps, Lasting Impact: Platform-Aware Forensics for the Next Generation of Analysts Vinayak <b>Jain</b> and Sneha <b>Sudhakaran</b> , Florida Institute of Technology, Melbourne, Florida and Saranyan <b>Senthivel</b> , DXC Technology, New Orleans, USA	Cyber-Physical Incident Attribution in UAV/Rail Attacks Isaac <b>Ojeh</b> , MorphHats InfoSecure, Waterloo, Canada, Lucas <b>Potter</b> and Xavier <b>Palmer</b> , BiosVIEW Labs, USA	Blockchain Use in Disbursing Financial Aid at Higher Education Institutions Livhuwani <b>Mathintha</b> , Noluntu <b>Mpekoa</b> and Tevin <b>Moodley</b> , University of Johannesburg, Johannesburg, South Africa
11:00	SOC Puppets: How Whaley's Theory of Outs and 'Noisy' Sock Puppets Encouraging Discovery of Network Deception Could Enhance Security Operations Center Analysis Tim <b>Pappa</b> , Walmart Global Tech, Herndon, USA and Keyur <b>Rajyaguru</b>	How Ends, Ways, and Means are Manifested in the Cyber Defense Strategies of Superpowers Piia <b>Perälä</b> , Pirinen <b>Pekka</b> and Martti <b>Lehto</b> , University of Jyväskylä, Finland	Rethinking the Human-Technical Split in Cybersecurity Jukka <b>Vuorinen</b> , University of Jyväskylä, Finland
11:20	From Surveillance Monocultures to Agroecological Defense: A Sovereignty-centered Framework for Agricultural Cyberbiosecurity Rolando <b>Perez</b> , Blue Marble Space, Mountain View, USA, Xavier-Lewis <b>Palmer</b> , Lucas <b>Potter</b> , Biosview Labs, USA Dodzi <b>Koku Hattoh</b> , University of Ghana / Bonn Sustainable AI Lab, Bonn, Salomey Afua <b>Addo</b> , University of Cambridge, UK, and Srdjan <b>Lesaja</b> , Virginia Commonwealth University, USA	Cybersecurity Threats Targeting Remote Workers: A Review Ngomani <b>Fundiswa</b> and Noluntu <b>Mpekoa</b> , University of Johannesburg, Johannesburg, South Africa	The Evolution of Penetration Testing in the Era of AI Errol <b>Baloyi</b> , Mpho <b>Letshwenyo</b> , Mamello <b>Mtshali</b> and Alex <b>Ramantswana</b> , Council for Scientific and Industrial Research, South Africa
11:40	Optimal Selection of Vulnerable ECUs using Genetic Algorithm Cordell <b>Johnson</b> , Balaji <b>Iyengar</b> Benedict College, Columbia, USA, Emmanuella <b>Mojekwu</b> and Jagruti <b>Sahoo</b> , South Carolina State University, USA (Presentation only)	Social Media Misinformation in Europe and Africa: A Systematic Literature Review Nokuthaba <b>Siphambili</b> , Errol <b>Baloyi</b> , Elekanyani <b>Mukondeleli</b> and Molebogeng <b>Latakomo</b> , CSIR, South Africa	The Informed Fake News Advisor (IFNA): Toward Sociotechnical Solutions for Fake News Detection Namosha <b>Veerasamy</b> and Danielle <b>Badenhorst</b> , CSIR, Pretoria, South Africa
12:00	Digital Forensic Readiness to Mitigate Insider Threats in the SaaS Cloud Environment Gabriel <b>Shoderu</b> , Stacey <b>Baror</b> , Sheunesu <b>Makura</b> and Abiodun <b>Modupe</b> , University of Pretoria, South Africa	Hybrid Learning Techniques for Image Forensics and Privacy Protection in the Face of Deep Fake Threats Arif <b>Ullah</b> , Air University, Islamabad, Pakistan, Sidra <b>Pervez</b> and Muazam <b>Ali</b> , HITEC University, Taxila, Pakistan, Muhammad Wajidullah <b>Khan</b> , Faculty of Engineering and Technology UTHM, Malaysia, Aina <b>Hassan</b> , Othman Yeop Abdullah Graduate School of Business, UUM, Malaysia	SentinelSphere: AI-Driven Cybersecurity Platform Combining Threat Detection with Security Awareness Nikolaos Laos Dimitrios <b>Tantaroudas</b> , Institute of Communication and Computer Systems, Athens, Greece, Ilias <b>Karachalios</b> , National Technical University of Athens, Greece and Andrew John <b>McCracken</b> , DASKALOS APPS, France
12:20	Cyber Biosecurity in Action: Securing the Biological Battlespace from Digital Subversion Shreyas <b>Kumar</b> , Texas A&M University, College Station, USA and Adya <b>Daruka</b> , UIUC, Champaign, USA		Military Leadership in the age of Cognitive Warfare Mikko <b>Salminen</b> , Finnish National Defence University, Helsinki, Finland
12:40	<i>Close of Conference</i>	<i>Close of Conference</i>	<i>Close of Conference</i>

<b>Friday 6th March 2026</b>				
<b>07:45</b>	<b>Zoom Rooms Open</b>			
	<b>Zoom Room 1</b> <b>Stream A: Cyber Issues</b> <b>Chair: Sneha Sudhakaran</b>	<b>Zoom Room 4</b> <b>Stream D: Cyber Issues</b> <b>Chair: Namosha Veerasamy</b>	<b>Zoom Room 3</b> <b>Stream C: Resilience &amp; Strategy</b> <b>Chair: Danielle Badenhorst</b>	<b>Zoom Room 4 (10 min presentations with discussion)</b> <b>Stream D: PhD and Masters Colloquium</b> <b>Chair:</b>
<b>08:00</b>	Quantifying the Economic Impact of Ransomware: Cyber Risk Modeling with Gamma Regression Li <b>Huang</b> and Kimberly <b>Cornell</b> , University at Albany, USA	Genetic Algorithms for Proportionality Assessment in Military Operations Clara <b>Maathuis</b> , Open University, Heerlen, Netherlands	Aligning DYNAMO Framework with the EU Cyber Resilience Act in the Energy Sector Ilkka <b>Tikanmäki</b> , Jarmo <b>Maikkola</b> and Joonas <b>Nykopp</b> et al, Laurea University of Applied Sciences, Espoo, Finland	Wargaming Design for Cyber Warfare Dong <b>Wang</b> , New York Institute of Technology, Vancouver, Canada
<b>08:20</b>	A Key Rotation Management System: Design and Implementation for Improved Data Security Malibongwe <b>Ntali</b> , Noluntu <b>Mpekoa</b> , University of Johannesburg, Johannesburg, South Africa and Sheethal <b>Tom</b> The Independent Institute of Education, Varsity College, Cape Town, South Africa	Q-Learning Model for Proportionality Assessment in Military Operations Clara <b>Maathuis</b> , Open University, Heerlen, Netherlands	New Naval Strategy, Not Cyberwar: China's State-Sponsored Maritime Cyber Operations Francesco <b>Ferazza</b> and Konstantinos <b>Mersinas</b> , Royal Holloway, University of London, London, UK	Cybersecurity in Cyber-Physical Systems (CPS) and Critical Infrastructure Francisca <b>Ezulike</b> , Sheunesu <b>Makura</b> and Stacey <b>Baror</b> , University of Pretoria, South Africa
<b>08:40</b>	A Governance Model for Cyber Threat Information Sharing in the Healthcare Sector Jyri <b>Rajamäki</b> and Ilkka <b>Tikanmäki</b> , Laurea University of Applied Sciences, Espoo, Finland	Proportionality Assessment in Military Operations Based on SARSA and PPO Models Clara <b>Maathuis</b> , Open University, Heerlen, Netherlands	Automated Threat Modeling Using Artificial Intelligence on User Stories within the SDLC to Generate Security Tasks Shantu Asif <b>Hossain</b> , SAP America Inc., North Wales, USA	Cybersecurity Issues and Solutions Within the South African Small and Medium-sized Enterprises Benediction Kitwa <b>Kalombola</b> and Tabisa <b>Ncubekezi</b> , Cape Peninsula University of Technology, South Africa
<b>09:00</b>	Designing Modular Cybersecurity Education for Healthcare: Applying the XIA and ManagiDITH Frameworks with CyberSecPro Insights Jyri <b>Rajamäki</b> , Laurea University of Applied Sciences, Espoo, Finland and Jussi <b>Simola</b> , University of Jyväskylä	An Architectural Framework for an Enhanced Multi-Party Fully Homomorphic Encryption Scheme (EMHES) Joshua Edward <b>Mamza</b> , Idris <b>Ismaila</b> and Joseph <b>Ojeniyi</b> Federal University of Technology Minna, Nigeria Shafi'i <b>Abdulhamid</b> , Community College of Qatar, Qatar	Advancements in Developer-Focused IDE-Integrated Mobile App Security Scanning and Testing Tools Franck Monga <b>Tamala</b> , Noluntu <b>Mpekoa</b> and Khutso <b>Lebea</b> , University of Johannesburg, South Africa	Analysis of Cyber Security Strategies Across Continents Pekka <b>Pirinen</b> , Piia <b>Perälä</b> and Martti <b>Lehto</b> , University of Jyväskylä, Finland
<b>09:20</b>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>
<b>09:30</b>	VAOS: Vulnerability Attribute Ontology Score Framework for Evaluating Vulnerability Databases Johnny <b>Shaieb</b> and John <b>Hale</b> , University of Tulsa, USA	Human Cognition is a Tool in Warfare in the Cyber Domain Niina <b>Meriläinen</b> , Tampere University, Finland		<b>9:30-9:45</b> <b>Stream A: Virtual Poster Session</b> <b>Chair:</b>
<b>09:50</b>	Beyond Posters: A User-Centric Digital Twin Framework for Cybersecurity Awareness Fhatuwani <b>Makhamedzha</b> , Errol <b>Baloyi</b> , Rendani <b>Mbodi</b> , and Ndabezihle <b>Hlongwane</b> , Council for Scientific and Industrial Research, South Africa	Policing Vulnerability to Criminal Persuasive Technology Use on Futurist Moon Bases Tim <b>Pappa</b> , Independent Researcher, Gainesville, USA		Exploring NIS2 Compliance in the Energy Sector Using AI-Driven Cyber Threat Intelligence Jani <b>Siivola</b> , Ilkka <b>Tikanmäki</b> , Jyri <b>Rajamäki</b> et al, Laurea University of Applied Sciences, Finland (WIP)
<b>10:10</b>	From Hoax to Reality: Deepfake-Driven Misinformation and the Death of Ozzy Osbourne Alexander <b>Pfeiffer</b> , Walter <b>Seböck</b> , Thomas <b>Wernbacher</b> , University for Continuing Education Krems, Krems, Austria and Nanditha <b>Krishna</b> , Independent Researcher	Systematic Literature Review: Challenges and Issues in the Adoption of SOAR Technology in Cybersecurity Turki <b>Alshammari</b> and Talal <b>Al-Balawi</b> , Imam Mohammad Ibn Saud Islamic University, Saudi Arabia		ECHO Early Warning System for Water Infrastructure Protection Ilkka <b>Tikanmäki</b> , Kitty <b>Tapola</b> , Jeni <b>Awa</b> and Sara <b>Jythänkangas</b> , Laurea University of Applied Sciences, Finland (WIP)
<b>10:30</b>	<i>Break</i>	<i>Break</i>	<i>Break</i>	
<b>10:40</b>	<b>Keynote Presentation: Cyber Threat Briefing</b> <b>Rob Main</b> , North Carolina Cybersecurity & Infrastructure Security Agency, USA			
<b>11:15</b>	<b>Introduction to ICCWS 2027</b>			
	<b>Zoom Room 1</b> <b>Stream A: AI and Social Media</b> <b>Chair: Tim Pappa</b>	<b>Zoom Room 1</b> <b>Stream B: Threats</b> <b>Chair: Xavier-Lewis Palmer</b>	<b>Zoom Room 3</b> <b>Stream C: Infrastructure &amp; Machine Learning</b> <b>Chair: Alan Shaffer</b>	
<b>11:40</b>	Social Media's Role in Cyber Warfare: Attack Vectors, Space Ecosystem Integration, and Impacts Gregory <b>Broomfield</b> , Marymount University, Arlington, Virginia, USA	Applicability of Industry 4.0 Technologies in Combating Fraud in the Financial System Jennyfer da <b>Conceição</b> Fonseca <b>Santos</b> , Luciana Paula <b>Reis</b> and June Marques <b>Fernandes</b> , Universidade Federal de Ouro Preto - UFOP, João Montevade, Brasil	Ontological Security and Threat Mitigation in Healthcare: A Descriptive Exploration Brandon <b>Griffin</b> , CyberLINC, Alexandria, USA Michaela <b>Barnett</b> , Blacks In Cybersecurity Headquarters, Inc., USA, Tom <b>VanNorman</b> , Nina Janine <b>Medina</b> , Biohacking Village, USA and Lucas <b>Potter</b> , Xavier <b>Palmer</b> , BIOSView Labs, USA	
<b>12:00</b>	Explainable AI in Insider Financial Fraud Detection Models: A Review of Transparency and Trust Hillary Kwame <b>Ofori</b> , William Leslie <b>Brown-Acquaye</b> , Forgor <b>Lempogo</b> and Kwame <b>Belt-Dzide</b> , Ghana Communication Technology University, Ghana and Israel Edem <b>Agbehadji</b> , Durban University of Technology, South Africa	Biosecure-LLM Framework: Protecting LLMs from Cyberbiosecurity Threats and the Case for Independent AI Safety Governance Xavier-Lewis <b>Palmer</b> , Lucas <b>Potter</b> , Biosview Labs, Dayton, Ohio, USA Srdjan <b>Lesaja</b> , Virginia Commonwealth University, VA, USA Sotirios F. <b>Karathanasis</b> , Independent Researcher, New York, NY, USA and Mohammad <b>Ghasemigol</b> , Old Dominion University, Norfolk, VA, USA	A Hybrid Machine Learning Approach for Red Team Log Analysis Nickolas <b>Mohr</b> , Alan <b>Shaffer</b> , Gurminder <b>Singh</b> and Armon <b>Barton</b> , Naval Postgraduate School, Monterey CA, USA	
<b>12:20</b>	Evaluation of AI Agent Accelerated Cyber Operations Planning Pietari <b>Sarjakivi</b> and Panu <b>Moilanen</b> , University of Jyväskylä, Finland		From Water Plants to Nuclear Reactors: Mapping SCADA Vulnerabilities in Small Modular Energy Systems Shreyas <b>Kumar</b> , Aleksander <b>Alvarez</b> , Shrutwik <b>Muppa</b> and Jashanjodh <b>Bajwa</b> , Texas A&M, College Station, USA	
<b>12:40</b>	<i>Close of Conference</i>	<i>Close of Conference</i>	<i>Close of Conference</i>	