



NORTH ATLANTIC TREATY ORGANISATION
NATO MARITIME INTERDICTION OPERATIONAL TRAINING CENTRE
NMIOTC
SOUDA BAY
73200 CHANIA
GREECE



6th NMIOTC CONFERENCE ON CYBER SECURITY IN MARITIME DOMAIN
AGENDA AND TIMELINE

1st DAY – 27 Sep 2022

TIME	TOPIC	SPEAKER
0830-0900	Registration – Welcome Coffee – Networking	
0900-0910	Admin / Security Brief	Lt Cdr Kostas Papanastasis GRC N
0910-0920	NMIOTC Welcome Address	Cdre Charalampos Thymis GRC(N) NMIOTC Commandant
0920-1040	SESSION 1: The impact of emerging cyber risks in maritime security	
	Moderator: Mr Dinos Kerigan-Kyrou PhD CMILT Emerging Security Challenges WG The Technical Landscape of Ransomware: Threat Models and Defense Models Maritime Cyber Risk and Global Security Quantum Cryptography – Emerging Cyber Security Challenges	Dr Barton P. Miller Professor in Computer Sciences NSF Cybersecurity Center of Excellence University of Wisconsin-Madison Dr Elisa Heymann Senior Scientist – Associate Professor NSF Cybersecurity Center of Excellence University of Wisconsin-Madison Mr David Nordell Centre for Maritime Policy & Strategy Research, Haifa University – Synapse Cyber Strategy Prof. Nikitas Nikitakos Aegean University
1040-1045	Group photo	
1045-1120	Coffee Break – Networking	

1120-1240	SESSION 2: Maritime Cybersecurity technologies and industrial products	
	<p>Moderator: Mr David Nordell Centre for Maritime Policy & Strategy Research, Haifa University – Synapse Cyber Strategy</p> <p>Exploiting Artificial Intelligence (AI) towards the Optimization of Navigation Sensors for Remote Controlled and Unmanned Ships</p> <p>Cyber-Hunting at Scale (CHASE)</p> <p>Characteristics of Autonomous Ships and Related Cybersecurity Concerns</p>	<p>Dr Dimitrios Dalaklis Professor – World Maritime University</p> <p>Mr Tejas Patel Program Manager Information Innovation Office (I2O) DARPA</p> <p>Mr Erwin Orye Belgian Armed Forces</p>
1240-1340	Lunch break	
1340-1520	SESSION 3: Maritime Enterprise Cyber Security Challenges	
	<p>Moderator: Wendi O. Brown, Lieutenant Colonel, US Army Reserve</p> <p>Operationalising the maritime cyberspace: Continuing the conversation</p> <p>Secure maritime operations in quantum age</p> <p>Overview of the Cyber Security Program and new threats from the perspective of a large Commercial Shipping Company</p> <p>Tacking Cybersecurity challenges in a global, rapidly-changing environment and setting priorities</p>	<p>Cpt Antonie Colombier FRA (N) ACOS N6/Cyberspace MARCOM</p> <p>Ms Tsvetelina Shabanska Scientist Mr. Konrad Wrona Principal Scientist NATO Communications and Information Agency (NCIA)</p> <p>Mr Bruno Sicchieri Mediterranean Shipping Company S.A.</p> <p>Mr. Adamantios E. Papazis Tsakos Group</p>
1930	Social Event	
	END OF FIRST DAY	

2nd DAY – 28 Sep 2022

TIME	TOPIC	SPEAKER
0830-0900	Coffee Break	
0900-0940	Keynote Speakers' session	<p>VAdm Ioannis Drimousis GRC (N) Deputy Chief of Hellenic Defence General Staff</p> <p>Dr. Athanasios Drougkas Cybersecurity Expert European Union Agency for Cybersecurity</p>
0940-1120	SESSION 4: Assessment, Certification and Training in Maritime Cyber Security	
	<p>Moderator: Mr Emmanouil Christofis, SHAPE J6 Cyberspace – Strategic Plan and Policy</p> <p>Cyber Security Incident Handling and Incident Response</p> <p>The Security Value of Small and Medium Sized Ports in a Supply Chain Service</p> <p>A taxonomy for cybersecurity standards applicable to the maritime sector</p> <p>Upskilling Maritime Cyber Force at Scale</p>	<p>Mr Nuri Fattah Director EMEA Unit 42 - PALO ALTO Networks</p> <p>Prof. Nineta Polemi Professor University of Piraeus</p> <p>Ms Pinelopi Kyranoudi Maggioli SPA</p> <p>Ms Eleni Maria Kalogeraki PhDC, Maggioli Group</p> <p>Mr Angelos Liapas Hack The Box</p> <p>Mr Sam Nye Hack The Box</p>
1120-1140	Coffee Break	
1140-1300	SESSION 5: Secure Maritime Value and Supply Chains, Infrastructures & Services	
	<p>Moderator: Dr Dimitrios Dalaklis Professor – World Maritime University</p> <p>Securing the Open Source Software Supply Chain for Naval Warfare Systems</p> <p>Analysis of Cyberphysical Risk in Maritime systems</p> <p>Digital investigation on ships: a Voyage Data Recorder implementation</p>	<p>Mr Eric Hill Trusted Technical Advisor Sonatype</p> <p>Mr Paul Rohmeyer, PhD Stevens Institute of Technology</p> <p>Mr Peter Thermos, MS Palindrome Technologies</p> <p>Mr Maxence Lannuzel PhDC France Naval Academy</p>
1300-1400	Lunch Break	

1400-1540	SESSION 6: Innovative Research in Maritime Cyber Security and Cyber Defence	
	<p>Moderator: Professor Nikitas Nikitakos, Aegean University</p> <p>A prototype AIS input sanitizer to constrain the attack surface of intergraded bridge and navigation systems</p> <p>Authentication mechanisms for VHF Data Exchange System (VDES)</p> <p>Hostile intelligence service interest in emerging satellite internet service</p> <p>A Holistic Approach for the Dependability Enforcement of Cyber & Power Systems on future MVDC Ships</p>	<p>Cdr Chad Bollmann US(N) Naval Postgraduate School (NPS)</p> <p>Mr Mirko Frasconi Thales</p> <p>Mr Michael Cintron NATO Intelligence Fusion Centre - NIFC</p> <p>Dr Massimiliano Chiandone Trieste University</p>
1540-1600	Final Wrap up	<p>Moderator: Mr Dinos Kerigan-Kyrou PhD CMILT, Emerging Security Challenges Working Group</p>
1600-1610	NMIOTC Farewell Address	<p>Cdre Charalampos Thymis GRC(N) NMIOTC Commandant</p>