

WAITI'24 Program					
9:00	9:15	Chairs Greetings			
9:15	10:00	Keynote			Stjepan Picek
10:00	10:30	Coffe break			
10:30	12:00	<b>Session 1 - AI-Driven Cybersecurity Solutions for CTI, IoT and Software Infrastructures</b>			
		Paper 1	29	MIND-IoT: Machine Intelligence and Data-Mining for IoT Threats	Kwabena B Aboagye-Otehere (University of Texas Rio Grande Valley)*; Jorge Castillo (University of Texas Rio Grande Valley)
		Paper 2	25	A Privacy-Preserving Byzantine-Aware Swarm Learning Framework for CTI <b>(online presentation)</b>	Marco Arazzi (University of Pavia); Dincy R Arikkat (Cochin University of Science and Technology); Mert Cihangiroglu (University of Pavia)*; Sameera K M (CUSAT)
		Paper 3	32	Automating AWS Security Controls: Leveraging Generative AI for Gherkin Script Generation	Mina Ghashami (Amazon)*; Nivedita Mangam (Amazon); Mohamadali Torkamani (Amazon Web Services); Felix Candela (Amazon); Bhavya Jain (Amazon); Farhan Diwan (Amazon); Malini SS (Amazon); Mingrui Cheng (Amazon); Chen Ling (Emory University); Rustan Vaulin (Amazon); Kyuhong Park (AWS)
		Paper 4	19	The Rings of Tracking: Evaluating Security and Privacy in the Smart Ring Ecosystem	Johannes Ludwig (AWARE7 GmbH and Ruhr University Bochum); Veelasha Moonsamy (Ruhr University Bochum); Matteo Große-Kampmann (Rhine-Waal University of Applied Sciences and AWARE7 GmbH)*
		Paper 5	17	TriplePlay: Enhancing Federated Learning with CLIP for Non-IID Data and Resource Efficiency	Dr. MANDEEP KAUR (Mittal School of Business, Lovely Professional University, Phagwara- 144411, Punjab, India)*; Hashandeep Singh (S.D. College, Ambala Cantt )
12:00	13:30	Lunch			
13:30	15:00	Paper 6	13	Cyber Attack Detection for Internet of Health Things through Federated Deep Learning Technique	Dr.Liyakath unisa (Taibah University,Medinah, Saudi Arabia)*; Zoya Riyaz Syeda (Rajiv Gandhi University of Health Science); Riyaz Sohale Syed (Bangalore)
		Paper 7	26	MAD: A Meta-Learning Approach to Detect Advanced Persistent Threats using Provenance Data in Industrial IoT <b>(online presentation)</b>	Bikash Saha (Indian Institute of Technology Kanpur)*; Nanda Rani (Indian Institute of Technology Kanpur); Sandeep K Shukla (IIT Kanpur)
		<b>Session 2 - Leveraging Large Language Models for Cybersecurity and Threat Intelligence</b>			
		Paper 8	34	Retrieval of Network Packets Information Using a Generated Latent Space Representation for Network Analysis in Cyber Security	Ofir Manor (Fujitsu Research of Europe); Ortal Lavi (Fujitsu Research of Europe); Andres Murillo (Fujitsu Research of Europe)*; Tomer Schwartz (Fujitsu Research of Europe); Ayoub M.A. M. Messous (FRE); Motoyoshi Sekiya (Fujitsu Research of Europe); Junichi Suga (Fujitsu Laboratories); Kenji Hikichi (Fujitsu Laboratories); Yuki Unno (Fujitsu Limited)
		Paper 9	20	Generating Abuse Stories and Misuse Cases using Large Language Models <b>(online presentation)</b>	Carmen Cheh (Illinois Advanced Research Center at Singapore Ltd.*); Nan Shing Kham Shing (Singapore University of Technology and Design); Reuben Liang Yi Lim (Illinois Advanced Research Center at Singapore Ltd.); Binbin Chen (Singapore University of Technology and Design)
Paper 10	12	Software Vulnerability Detection Using LLM: Does Additional Information Help?	Samaha S Shimmi (Northern Illinois University)*; Yash Saini (Northern Illinois University); Mark Schaefer ( Northern Illinois University); Hamed Okhravi (MIT Lincoln Laboratory); Mona Rahimi (Northern Illinois University)*		
15:00	15:30	Coffe break			
15:30	17:00	Paper 11	33	Formal Trust and Threat Modeling Using Large Language Models	Zhihao Yao (New Jersey Institute of Technology) *
		Paper 12	24	Fine-tuning Large Language Models for DGA and DNS Exfiltration Detection <b>(online presentation)</b>	Md Abu Sayed (University of Texas at El Paso)*; ASIF RAHMAN (UTEP); Christopher Kiekintveld (University of Texas at El Paso); Sebastian Garcia (Czech Technical University in Prague)
		Paper 13	22	Exploring Large Language Models for Semantic Analysis and Categorization of Android Malware	Brandon Walton (Louisiana State University); Mst Eshita Khatun (Louisiana State University); James Ghawaly (Louisiana State University); Aisha I Ali-Gombe (Louisiana State University)*
		Paper 14	21	Modeling Explainable Reasoning in Large Language Models for Cyber Threat Intelligence Scoring - An XAI Approach <b>(online presentation)</b>	Dan Xu (RMIT University)*; Timothy McIntosh (Cyberoo Pty Ltd); Xun Yi (RMIT University); Iqbal Gondal (RMIT University)
		Paper 15	14	Advancing TTP Analysis: Harnessing the Power of Large Language Models with Retrieval Augmented Generation	Reza Fayyazi (Rochester Institute of Technology) *; Rozhina Taghdimi (Rochester Institute of Technology); Shanchieh Yang (Gonzaga University)
Closing Remarks					