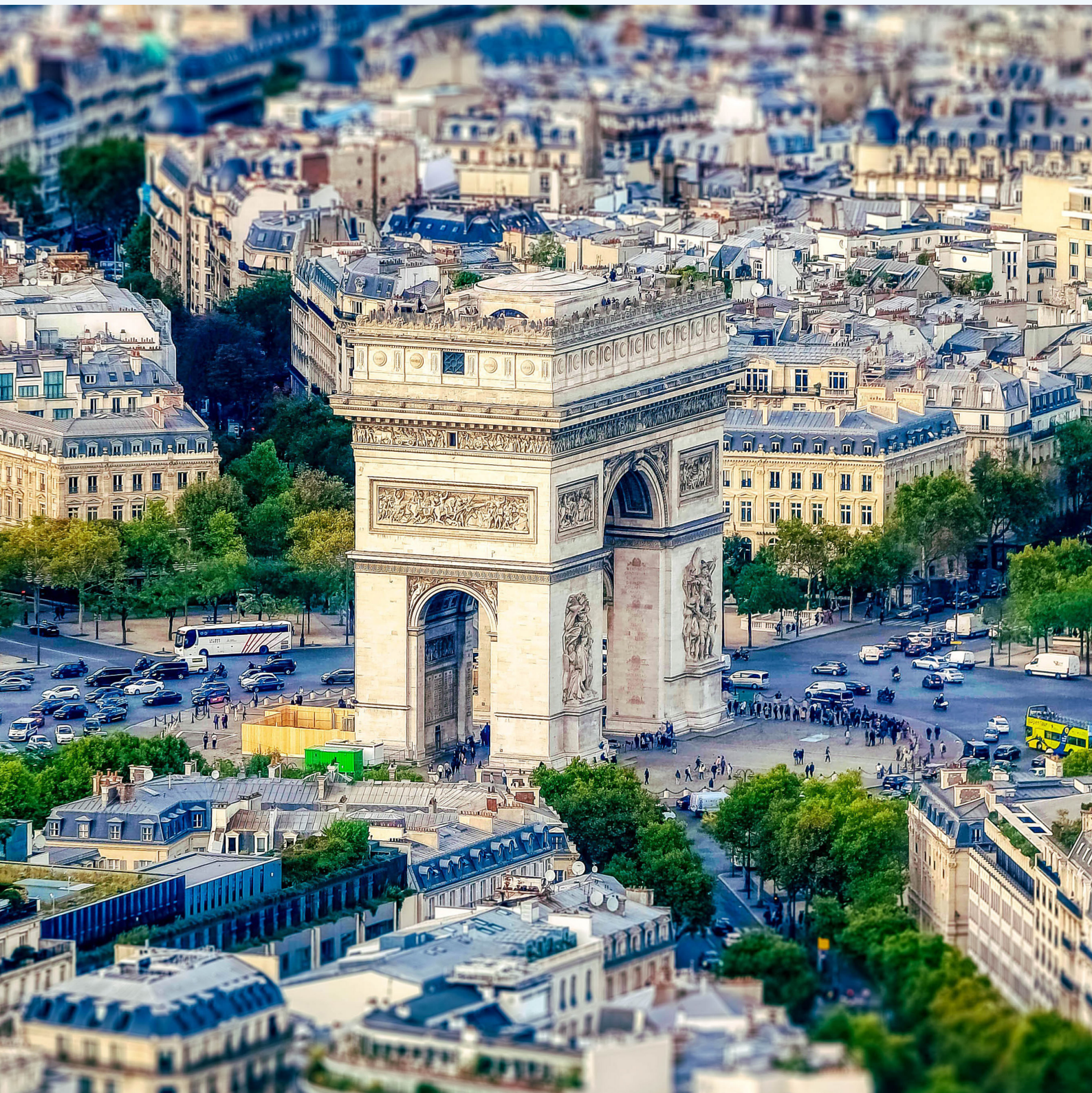


8th Cyber Security in Networking Conference



#CSNet2024

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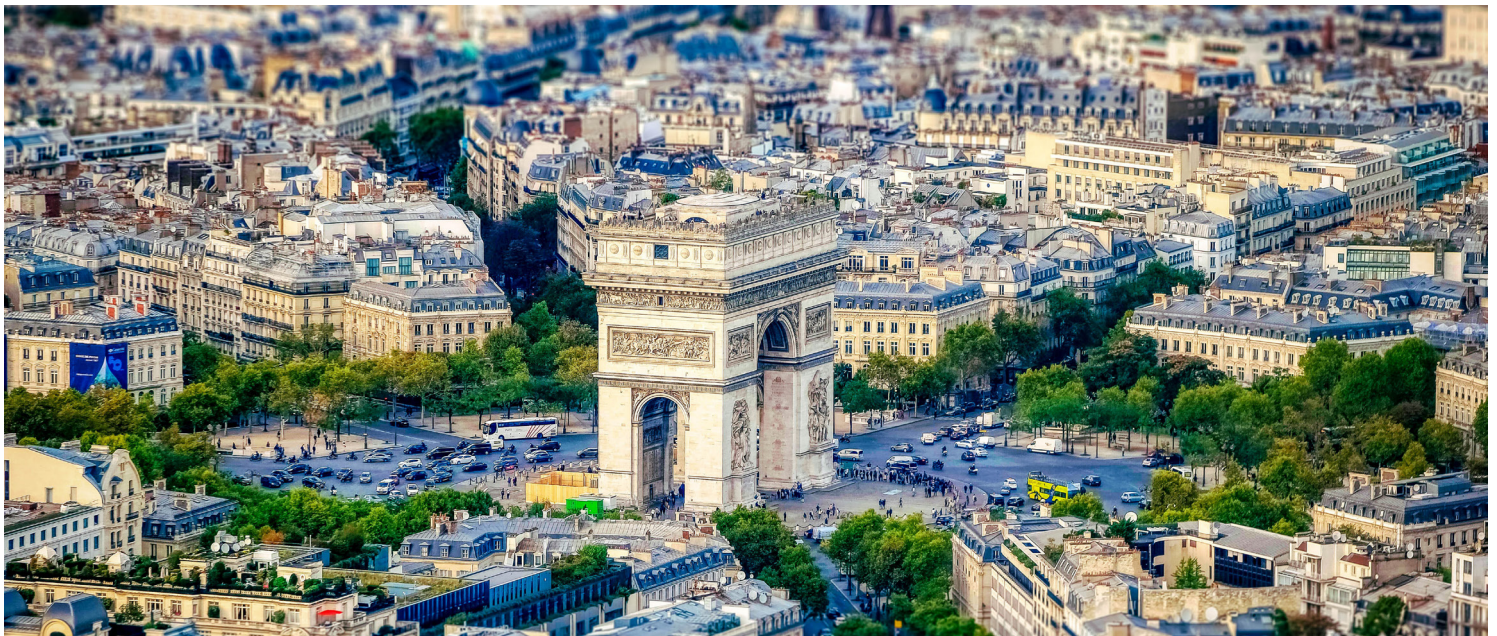
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Program CSNet 2024

December 4, 2024		December 5, 2024		December 6, 2024	
8:30	Registration	8:45	Registration	8:45	Registration
9:15	Opening Conference	9:00	Full Papers Session #3 AI Detection and Defense Techniques for Emerging Threats	9:15	Full Papers Session #6 Emerging Threats and AI Detection Techniques
9:30	Full Papers Session #1 Innovative Security Solutions for IoT and Cyber-Physical Systems	10:40	Coffee Break	10:30	Coffee Break
10:45	Coffee Break	11:00	Short Papers Session #2 Machine Learning and AI for Cybersecurity	11:00	Short Papers Session #3 Security in Distributed and IoT Environments
11:15	Short Papers Session #1 Innovations in Intrusion Detection and Threat Mitigation	12:15	Lunch Break / Poster Papers	12:30	Lunch Break / Poster Papers
12:30	Lunch Break	13:30	Keynote #2 Self-sovereign Identity: a solid technology that meets the requirements of national digital identity management systems	13:30	Keynote #3 AI for biometrics
13:30	Keynote #1 AI-native 6G networks: security needs	14:30	Full Papers Session #4 Cyber Threat Intelligence and Defense Strategies	14:30	Full Papers Session #7 Advances in Machine Learning for Cybersecurity
14:30	Coffee Break	16:10	Coffee Break	16:10	Closing Conference & Awards
15:00	Full Papers Session #2 Blockchain & AI Innovations in Security and Privacy	16:40	Full Papers Session #5 Novel AI Approaches to Cybersecurity Challenges		
17:00	Welcome Reception	19:00	Conference Dinner		





Welcome Message from the General Chairs

We are delighted to welcome you to the 8th International Conference on Cyber Security for Emerging Technologies (CSNet) 2024, hosted in the iconic city of Paris, France.

This year's conference theme, "**AI for Cybersecurity**", highlights the pivotal role that Artificial Intelligence plays in advancing cybersecurity across diverse technological domains. From defending against sophisticated cyberattacks to enhancing the resilience of critical systems, AI is shaping the future of cybersecurity strategies and solutions.

The three-day event will feature a dynamic program exploring cutting-edge advancements in securing emerging technologies, including artificial intelligence, 6G networks, biometrics, self-sovereign identity, IoT, and cloud computing. CSNet 2024 will provide an international platform for researchers, practitioners, and policymakers to address the challenges of safeguarding next-generation technologies while fostering collaboration and innovation.

Attendees will have the opportunity to engage with a rich program, including three keynote speeches on critical topics shaping the future of AI in cybersecurity: the security needs of AI-native 6G networks, AI-driven advancements in biometrics, and self-sovereign identity management. The technical program includes seven full paper sessions, three short paper sessions, and three poster sessions, showcasing state-of-the-art research and innovative AI applications in cybersecurity for emerging systems and networks.

CSNet 2024 emphasizes not only the value of formal knowledge exchange but also the importance of informal interactions—whether during coffee breaks or at the banquet—where ideas are shared, and lasting connections are formed.

We would like to extend our gratitude to the Institut supérieur d'électronique de Paris (ISEP) for providing the facilities that make these exchanges possible. We are also deeply appreciative of our technical sponsors, IEEE and IEEE ComSoc, for their support in ensuring the success and visibility of CSNet, and for attracting high-quality papers and participants from across the globe.

A heartfelt thank you goes to our organizing committee, whose dedication and hard work have made this conference a reality. A particular acknowledgment goes to DNAC, whose unwavering support has been invaluable from the moment we took on the responsibility of organizing CSNet. We also extend our appreciation to the reviewers, as well as the student volunteers and support staff, whose efforts have been crucial in the seamless execution of this event.

Thank you for joining us at CSNet 2024. We hope this conference inspires new ideas, meaningful discussions, and impactful collaborations on the future of AI in cybersecurity. While you're here, we also encourage you to take some time to enjoy the unique charm, culture, and beauty of Paris.

Bienvenu à Paris! Welcome to CSNet 2024!



Jean-Gabriel Ganascia
(Sorbonne University, France)
General Co-Chair



Guy Pujolle
(Sorbonne University, France)
General Co-Chair



Hassan Noura
(University of Franche Comte, France)
TPC Co-Chair



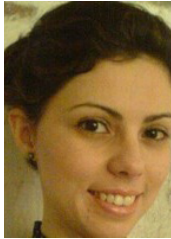
Ola Salman
(DeepVu, USA)
TPC Co-Chair



CSNet 2024 Keynotes

Keynote #1: AI-native 6G networks: security needs

Abstract: What does it mean that 6G networks will be AI-native? How to secure future networks? Could AI be a valuable asset for cybersecurity? Is an AI-driven cybersecurity solution vulnerable? This talk answers these questions through a sketch between two security experts: one presenting a vision on realizing AI-empowered security management solutions for next generation networks, the other challenging the solutions and recommending AI cybersecurity counter-measures.



Dhouha Ayed
(Thales, France)

Dhouha Ayed is a globally recognized expert in 5G and systems security with over 17 years of experience at Thales. Her academic background includes a PhD from Télécom Sud-Paris in 2005, an M.Sc., and an engineering degree in Computer Science. Prior to Thales, her research experience at Katholieke University of Leuven further solidified her foundation. As the technical coordinator of numerous European research projects, Dhouha has

honed her expertise in designing cutting-edge security solutions for systems and future networks. Her leadership extends beyond research, as she actively participates in shaping the field through European working groups and standardization bodies like ETSI ZSM. Dhouha's commitment to innovation continues at Thales' new CortAIx laboratory, where she delves into the critical challenges facing future networks with the power of Artificial Intelligence.



Katarzyna Kapusta
(Thales, France)

Katarzyna Kapusta is a research engineer in cybersecurity at the Thales CortAIx Labs. She holds a PhD (2018) and M.Sc. (2014) degrees in Computer Science both from Télécom Paris (Paris, France), as well as a M.Sc. (2014) in Telecommunications from AGH University of Science and Technology (Cracow, Poland). Her research interests include data security, with a focus on data protection in distributed environments and

security of Machine Learning. Currently, she is involved in PAROMA-MED and EDF STORE projects, where she provides her expertise on topics related to machine learning watermarking and secure federated learning. She is an active contributor to European standardization groups (ETSI Technical Committee Securing Artificial Intelligence, CEN/CENELEC WG'5) on the topic of secure Artificial Intelligence.



Keynote #2: Self-sovereign Identity: a solid technology that meets the requirements of national digital identity management systems

Maryline Laurent
(Full professor, Télécom SudParis, France)

Maryline Laurent, PhD, works as a Full Professor at Télécom SudParis, Institut Polytechnique de Paris, France. She is head of the networks and cybersecurity department at Télécom SudParis and co-founder of the Institut Mines-Télécom's "Values and policies of personal data" chair. She represents France on the IFIP TC11 committee on security and privacy. Her research focuses on cybersecurity and privacy, with a particular emphasis on privacy-enhancing technologies (PETs), for digital identity management services, the Internet of Things and cloud environments.

Abstract: Nations are becoming increasingly interested in national digital identity management systems, especially since Covid-19, for mitigating frauds and providing electronic trust services. Several legislations are being introduced around the world, e.g. the eIDAS legislation in Europe, the Aadhaar Act in India. While identity management systems should facilitate electronic procedures and certain interactions, they must not undermine the privacy of individuals. The whole ecosystem is complex, with major issues at stake in terms of sovereignty, the economy and society as a whole.

In this presentation, we will introduce the principles and motivations behind Self-Sovereign Identities (SSI), and show that SSIs have specific properties that can meet the needs of nations in managing national digital identities.



Keynote #3: AI for biometrics

Christophe Rosenberger

(Full Professor in computer science at ENSICAEN - Director of the GREYC research lab, France)

Christophe Rosenberger obtained his PhD in Information Technology from the University of Rennes 1 in 1999. His PhD thesis work was undertaken at ENSSAT in Lannion between 1996 and 1999 in the field of hyperspectral image processing. He joined the ENSI de Bourges school of engineering in Bourges (known now as INSA Centre Val de Loire) as associate professor in 2000. In 2007, he joined the ENSICAEN school of engineering in Caen as full professor. He is actually director of the GREYC research lab composed of 180 members. He belongs to the SAFE (Security, Architecture, Forensics, biomEtrics) research group in the GREYC research lab. His current work focuses in the domain of cybersecurity, in particular research activities in biometrics (keystroke dynamics, soft biometrics, evaluation of biometric systems, fingerprint quality assessment...) and digital forensics. He has authored or co-authored over 200 international publications and co-supervised 25 PhD thesis.

Abstract: Biometrics has for objective the identification of individuals or their identity verification for cybersecurity purposes such as authentication. Using AI in such systems is not new for attacks or countermeasures. The fast evolution of Deep Neural Networks (DNN) for biometrics brings new trends, some of them are directly inherited by these models. This keynote has for main goal to illustrate the main issues for building cybersecurity solutions in biometrics. Practical applications will be given.





Wednesday, December 4, 2024

08:30 - 09:15 Registration

09:15 - 09:30 Opening Session

09:30 - 10:45 TS #1: Innovative Security Solutions for IoT and Cyber-Physical Systems

Session Chair : Ola Salman (DeepVu, USA)

A Robust Anonymous Authentication Scheme for Securing IoT-Enabled Healthcare Services Systems

Sana Ullah and Akhtar Badshah (University of Malakand, Pakistan); Muhammad Waqas (School of Computing and Mathematical Sciences, University of Greenwich, United Kingdom (Great Britain) & Edith Cowan University, Australia); Shanshan Tu (Beijing University of Technology, China)

Optimising Intrusion Detection in Cyber-Physical Systems

Henry C Ukwuoma (IMT Mines Ales, France); Gilles Dusserre (Ecole des Mines D'Ales, France); Gouenou Coatrieux and Johanne Vincent (IMT Atlantique, France); Nasir Baba Ahmed (Ecole des Mines D'Ales & Baze University Abuja, France)

Advanced Anomaly Detection in Energy Control Systems Using Machine Learning and Feature Engineering

Zaid El Allal (Université Savoie Mont Blanc, France); Hassan Noura (University of Franche-Comté & Institut FEMTO-ST, France); Ola Salman and Ali Chehab (American University of Beirut, Lebanon)

10:45 - 11:15 Coffee break

11:15 - 12:30 SS #1: Innovations in Intrusion Detection and Threat Mitigation

Session Chair : Hassan Noura (University of Franche-Comté, France)

Dynamic Defense Framework: A Unified Approach for Intrusion Detection and Mitigation in SDN

Walid El Gadal and Sudhakar Ganti (University of Victoria, Canada)

Introspective Intrusion Detection System Through Explainable AI

Betül Güvenç Paltun (Ericsson, Turkey); Ramin Fuladi (Ericsson & Boğaziçi, Turkey)

Lightweight Machine Learning-Based IDS for IoT Environments

Zakaria M Alomari (New York Institute of Technology – Vancouver Campus, Canada); Adetokunbo Makanju and Zhida Li (New York Institute of Technology, Canada)

Effective Anomaly Detection in 5G Networks via Transformer-Based Models and Contrastive Learning

Saeid Sheikh and Panos Kostakos (University of Oulu, Finland); Susanna Pirttikangas (University of Oulu, Finland)

A Machine Learning-Based Model for Exhaustion Attacks in Wireless Sensor Networks

Wejdan K Alghamdi (Albaha University, Saudi Arabia)

12:30 - 13:30 Lunch break

13:30 - 14:30 Keynote #1: AI-native 6G networks: security needs

Speaker : Dhouha Ayed & Katarzyna Kapusta (Thales, France)

Session Chair : Hassan Noura (University of Franche-Comté, France)

14:30 - 15:00 Coffee break

15:00 - 16:55 TS #2: Blockchain & AI Innovations in Security and Privacy

Session Chair : Maurras Togbe (ISEP, France)

Blockchain-Enabled Digital Product Passports for Enhancing Security and Lifecycle Management in Healthcare Devices

Fatemeh Stodt (University of Strasburg & Furtwangen University, Germany)

Blockchain-Enhanced E-Ticket Distribution System to Effective Transactions, Validation, and Audits

Adrian Guayasamin; Walter Fuertes; Nahir Carrera (Universidad de Las Fuerzas Armadas ESPE, Ecuador); Luis Tello-Oquendo (Universidad Nacional de Chimborazo, Ecuador); Valeria Suango (Universidad Central del Ecuador, Ecuador)

Blockchain-Enabled Collaborative Forged Message Detection in RSU-Based VANETs

Ali Jalooli (California State University, Dominguez Hills, USA); Huzaif Khan and Lokesh Purohit (California State University Dominguez Hills, USA)

SDN-API-Sec: A Conflict-Free BC-Based Authorization for Cross-Domain SDNs

Majd Latah and Kubra Kalkan (Ozyegin University, Turkey)

Keystroke Dynamics Authentication with MLP, CNN, and LSTM on a Fixed-Text Data Set

Halvor N Risto (University of South-Eastern Norway & Indra Navia, Norway); Olaf Hallan Graven and Steven Bos (University of South-Eastern Norway, Norway)

17:00 Welcome Reception

Thursday, December 5, 2024

08:45 - 09:00 Registration

09:00 - 10:40 TS #3: AI Detection and Defense Techniques for Emerging Threats

Session Chair : Ola Salman (DeepVu, USA)

Detecting DNS Tunnelling and Data Exfiltration Using Dynamic Time Warping

Stefan Machmeier (Heidelberg University, Germany & Heidelberg Institute for Theoretical Studies, Germany); Vincent Heuveline (Interdisciplinary Center for Scientific Computing, Germany)

Chat or Trap? Detecting Scams in Messaging Applications with Large Language Models

Yuan-Chen Chang and Esma Aimeur (University of Montreal, Canada)

Ransomwise: A Transaction-Based Dataset for Ransomware Bitcoin Wallet Detection

Ioannis Arakas (ICS-FORTH, Greece); Nikolaos Myrtakis (ENSEA, Greece); Thomas Marchioro (University of Padova, Italy); Evangelos Markatos (ICS-FORTH, Greece)



VishGuard: Defending Against Vishing

Zi Heng Phang, Wei Ming Tan, Joshua Sheng Xiong Choo, Zhi Kang Ong, Weng Hong Isaac Tan and Huaqun Guo (Singapore Institute of Technology, Singapore)

10:40 - 11:00 Coffee break

11:00 - 12:15 SS #2: Machine Learning and AI for Cybersecurity

Session Chair : Hassan Noura (University of Franche-Comté, France)

Spam No More: A Cross-Model Analysis of Machine Learning Techniques and Large Language Model Efficacies

Robin Chataut (Texas Christian University, USA); Aadesh Upadhyay (University of North Texas, USA); Yusuf Usman (Quinnipiac University, USA); Prashnna K Gyawali (West Virginia University, USA); Mary Nankya (Fitchburg State University, USA)

Predicting User Activities and Device Interactions Using Adversarial Sensor Data: A Machine Learning Approach

Umair Mujtaba Qureshi & Rizwan Ahmed Kango (The Chinese University of Hong Kong, Hong Kong); Mehak Fatima Qureshi (Hong Kong Baptist University, Hong Kong); Wai-Yiu Keung (The Chinese University of Hong Kong, Hong Kong); Zuneera Umair (Hong Kong Baptist University, Hong Kong); Ho Chuen Kam (The Chinese University of Hong Kong, Hong Kong)

Anticipating Cyber Threats: Deep Learning Approaches for DDoS Attacks Forecasting

Dhia Ben Ali, Mohamed Belaoued & Samir Dawaliby (Caplog, France)

Identifying APT Attack Stages Using Anomaly Score Calibration

Ornella Lucrese Soh and Issa Traore (University of Victoria, Canada); Isaac Woungang (Toronto Metropolitan University, Canada); Wei Lu (Keene State College, USNH, USA); Marcelo Luiz Brocardo (Santa Catarina State University – UDESC, Brazil)

Convergence of AI for Secure Software Development

Roberto Andrade (Universidad San Francisco, Ecuador); Jenny Torres, Pamela Flores, Erick Cabezas and Jorge Luis Segovia (Escuela Politécnica Nacional, Ecuador)

12:15 - 13:30 Lunch break / Posters Session #1

A Multi-Level Network Traffic Classification in Combating Cyberattacks Using Stack Deep Learning Models

Believe Ayodele and Victor Buttigieg (University of Malta, Malta)

Password Classification Using Machine Learning and Natural Language Processing Techniques: Methods and Evaluations

Binh Le Thanh Thai, Tsubasa Takii and Hidema Tanaka (National Defense Academy, Japan)

Detecting Spam Emails Using Machine Learning and Lemmatization Vs Traditional Methods

Derick Jun Peng Kwok and Huaqun Guo (Singapore Institute of Technology, Singapore)

A Machine Learning Approach of Predicting Ransomware Addresses in Blockchain Networks

Raqeebir Rab, Anika Maisha Tasnim and Md Maraj Rashid (Ahsanullah University of Science and Technology, Bangladesh); Nafis Shahriar

(Ahsanullah University of Science and Technology, Bangladesh); Abderrahmane Leshob (University of Quebec at Montreal, Canada); Amrin Hassan Heya (Ahsanullah University of Science and Technology, Bangladesh)

Towards an Unsupervised Reward Function for a Deep Reinforcement Learning Based Intrusion Detection System

Bilel Saghrouchni (INSA Lyon CITI & SPIE ICS, France); Frédéric Le Mouél (INSA Lyon / Inria, France); Bogdan Szanto (SPIE ICS, France)

13:30 - 14:30 Keynote #2: Self-sovereign Identity: a solid technology that meets the requirements of national digital identity management systems

Speaker : Maryline Laurent (Télécom SudParis, France)

Session Chair : Guy Pujolle (Sorbonne University, France)

14:30 - 16:10 TS #4: Cyber Threat Intelligence and Defense Strategies

Session Chair : Nouredine Tamani (ISEP, France)

A New Generation of Security for the 6G

Guy Pujolle (Sorbonne University, France); Pascal Urien (Ethertrust, France)

AsIf: Asset Interface Analysis of Industrial Automation Devices

Thomas Rosenstatter, Christian Schäfer & Olaf Saßnick and Stefan Huber (Salzburg University of Applied Sciences, Austria)

An Efficient Explainable Artificial Intelligence (XAI)-Based Framework for a Robust and Explain-able IDS

Beny Nugraha (Technische Universität Chemnitz, Germany & Mercu Buana University, Indonesia); Abhishek Venkatesh Jnanashree & Thomas Bauschert (Chemnitz University of Technology, Germany)

FASIL: A Challenge-Based Framework for Secure and Privacy-Preserving Federated Learning

Ferhat Karakoç, Betül Güvenç Paltun, Leyli Karaçay, Ömer Faruk Tuna, Ramin Fuladi and Utku Gülen (Ericsson, Turkey)

16:10 - 16:40 Coffee break

16:40 - 18:00 TS #5: Novel AI Approaches to Cybersecurity Challenges

Session Chair : Guy Pujolle (Sorbonne University, France)

APT Warfare: Technical Arsenal and Target Profiles of Linux Malware in Advanced Persistent Threats

Jayanthi Ramamoorthy, Cihan Varol and Narasimha Karpoor Shashidhar (Sam Houston State University, USA)

Security and Privacy-Preserving for Machine Learning Models: Attacks, Countermeasures, and Future Directions

Fatema El Hussein (LISTIC, Université Savoie Mont Blanc, France); Flavien Vernier (LISTIC Université Savoie Mont Blanc, France); Hassan Noura (University of Franche-Comté & Institut FEMTO-ST, France)

DID U Misbehave? A New Dataset for In-Depth Understanding of Inconspicuous Software

Antonin Verdier (Université Toulouse III – Paul Sabatier, France); Romain Laborde and Abir Laraba (Université Toulouse III, Paul Sabatier & IRIT, France); Abdelmalek Benzekri (Université Paul Sabatier, France)

19:00 Conference Dinner



Friday, December 6, 2024

08:45 - 09:15 Registration

09:15 - 10:30 TS #6: Emerging Threats and AI

Detection Techniques

Session Chair : Fatema El Hussein (LISTIC, Université Savoie Mont Blanc, France)

Towards Identification of Network Applications in Encrypted Traffic

Ivana Burgetová, Ondrej Rysavy and Petr Matoušek (Brno University of Technology, Czech Republic)

An Autonomic Chess Bot Detection and Defeat System

Andrew Bengtson, Christopher Rouff (Johns Hopkins University, USA); Ali Tekeoglu (Johns Hopkins University Whiting School of Engineering, USA & Leidos Innovations Center, USA)

A Hybrid Machine Learning – Fuzzy Cognitive Map Approach for Fast, Reliable DDoS Attack Detection

Prathibha Keshavamurthy & Sarvesh Kulkarni (Villanova University, USA)

10:30 - 11:00 Coffee break

11:00 - 12:30 SS #3: Security in Distributed and IoT Environments

Session Chair : Saad El Jaouhari (ISEP & Adservio Group, France)

Kubernetes-Driven Network Security for Distributed ACL Management

Tushar Gupta (Senior IEEE Member, USA)

Towards the Removal of Identification and Authentication Authority from IM Systems

David A. Cordova Morales (Instituto Politécnico Nacional, Mexico); Ahmad Samer Wazan (Zayed University, United Arab Emirates); Romain Laborde (Université Toulouse III, Paul Sabatier & IRIT, France); Muhammad Imran Taj (Zayed University, United Arab Emirates); Adib Habbal (Karabuk University & School of Computing, Turkey); Gina Gallegos-Garcia (Instituto Politécnico Nacional, Mexico)

Pirates of the MQTT: Raiding IIoT Systems with a Rogue Client

Wael Alsabbagh (Brandenburg University of Technology & IHP GmbH, Germany); Peter Langendoerfer (IHP Microelectronics, Germany); Chaerin Kim (Brandenburgische Technische Universität Cottbus – Senftenberg, Germany); Samuel Amogbonjaye (Brandenburg University of Technology, Germany)

A New Similarity-Based Classification Scheme of Drone Network Attacks

Salah Dine Maham (UTT, France); Guy Pujolle (Sorbonne University, France); Atiq Ahmed & Dominique Gatti (UTT, France)

Blockchain and Biometric Systems Integration for IoMT Security

Ilham Laabab (Sidi Mohamed Ben Abdellah University, Morocco); Abdellatif Ezzouhairi (National School of Applied Sciences, Morocco); Nour El Madhoun (ISEP, France & Sorbonne Université, LIP6, France); Muhammad Haris Khan (Kineton, Italy)

Regulatory Compliance Verification: A Privacy Preserving Approach

Massimo Morello (European Central Bank, Germany); Petri Sainio (University of Turku, Finland); Mohammed B. M. Kamel (Furtwangen University, Germany & Eotvos Lorand University, Hungary)

12:30 - 13:30 Lunch break / Posters Session #2

A Situational Assessment Module for CCAM Applications

Enes Begecarslan (Istanbul Technical University, Turkey & FEV Turkey, Turkey); Burcu Ozbay (Istanbul University-Cerrahpasa, Turkey & FEV Turkiye, Turkey)

Adaptive Optimization of TLS Overhead for Wireless Communication in Critical Infrastructure

Jörn Bodenhausen and Laurenz Grote (RWTH Aachen University, Germany); Michael Rademacher (Fraunhofer FKIE, Germany); Martin Henze (RWTH Aachen University, Germany & Fraunhofer FKIE, Germany)

Interdisciplinary Research Project ‘AI Shield’

Evgeni Moyakine (University of Groningen, The Netherlands); Trix Mulder (Hanze University of Applied Sciences, The Netherlands); Thijs van Ede (University of Twente, The Netherlands)

Mobbing: AI-Powered Cyberthreat Behavior Analysis and Modeling

Patricio Zambrano, Jenny Torres and Carlos Anchundia (Escuela Politécnica Nacional, Ecuador); Johan Illicachi (Escuela Politécnica Nacional, Ecuador)

13:30 - 14:30 Keynote #3: AI for biometrics

Speaker : *Christophe Rosenberger (ENSICAEN, France)*

Session Chair : Nouredine Tamani (ISEP, France)

14:30 - 16:10 TS #7: Advances in Machine Learning for Cybersecurity

Session Chair : Hassan Noura (University of Franche-Comté, France)

Cross ML for Io(H)T Network Traffic Classification: A New Approach Towards Standardization

Emmanuel Song Shombot (IMT Mines Ales, Nigeria & Federal University Lafia, Nigeria); Gilles Dusserre (Ecole des Mines D'Ales, France); Robert Bestak (Czech Technical University in Prague, Czech Republic); Nasir Baba Ahmed (Ecole des Mines D'Ales & Baze University Abuja, France)

Advanced Smart Contract Vulnerability Detection Using Large Language Models

Fatemeh Erfan and Mohammad Yahyatabar (Polytechnique Montreal, Canada); Martine Bellaïche (École Polytechnique, Canada); Talal Halabi (Laval University, Canada)

Advanced Machine Learning Approaches for Zero-Day Attack Detection: A Review

Fatema El Hussein (LISTIC, Université Savoie Mont Blanc, France); Hassan Noura (University of Franche-Comté & Institut FEMTO-ST, France); Ola Salman (DeepVu, USA); Ali Chehab (American University of Beirut, Lebanon)

AI Security: Cyber Threats and Threat-Informed Defense

Kamal Singh (MRIIRS & IP Global Services Limited, United Kingdom (Great Britain)); Rohit Saxena (Member, IEEE, United Arab Emirates); Brijesh Kumar (MRIIRS, India)

16:10 - 16:20 Closing Ceremony & Awards



CSNet 2024 Dinner

The conference dinner will take place on
Thursday December 5, 2024 at 07:00 pm
at

Le Procope

13 rue de l'Ancienne Comédie
75006 Paris

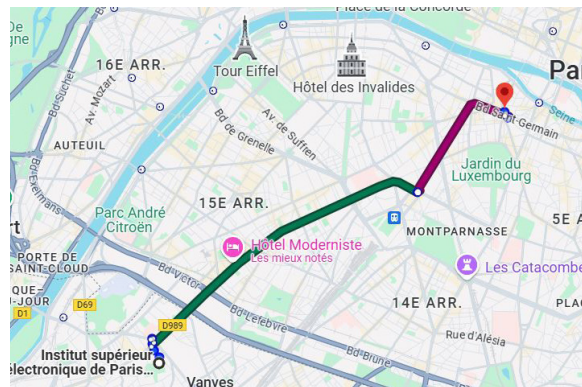
Since 1686, le Procope which is the oldest café in Paris is a famous place where the greatest writers & intellectuals like Rousseau, Voltaire, Diderot used to meet, which is why the place is said to be the home of the Encyclopédistes. During the French Revolution, many renowned French revolutionary like Danton, Desmoulins, Hébert and Marat used to also come and had endless discussions about politics and rights.



Going there:

Take M12 (direction "Mairie d'Aubervilliers") from "Corentin Celton" and change at "Montparnasse-Bienvenue".

Take M4 (direction "Porte de Clignancourt"), stop at "Odéon" and then walk 2 mins, you've arrived !





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- Guy Pujolle, Sorbonne University, France

TPC Co-Chairs

- Hassan Noura, University of Franche Comte, France
- Ola Salman, DeepVu, USA

Keynote & Panel Chair

- Nouredine Tamani, ISEP, France
- Ahmad Samer Wazan, Zayed University, UAE

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- Saad El Jaouhari, Isep & Adservio Group, France

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- Aziza Lounis, DANC, France

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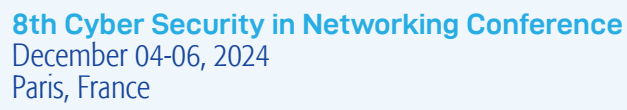
- Elia Kallas, DNAC, France

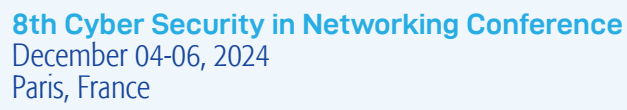
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Djamel Mesbah (Adservio, France)
Hussein Kazem (ISEP, France)
Ifiyemi Leigha (Institut supérieur s'électronique de Paris (ISEP), France)
Islam Amar-Rouana (Anemod, France)
Maurras Togbe (Isep, France)
Paul Flammarion (ISEP, France)
Tristan Bilot (Université Paris-Saclay, Isep, Iriguard, France)

[illegible]

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

