

Program of the International Symposium on cybersecurity and artificial intelligence  
(ISCAI'2025)  
Marrakech, Morocco – May 15-16, 2025  
<https://research-conf.com/ISCAI-25/>



## Full ISCAI 2025 Symposium Program Thursday, May15<sup>th</sup>, 2025

GMT+1

Time	Event
8:30 – 9:30	Registration
9:30 – 10:00	<b>Welcome &amp; Opening Ceremony</b> Prof. Youssef BADDI (General Chair, Chouaib Doukkali University, Morocco ) Prof. Izzat Alsamdi (General Chair, Department of Computational, Engineering and Mathematical Sciences, Texas A&M, San Antonio) <b>Meeting Link:</b> <a href="https://us06web.zoom.us/j/xxxxx">https://us06web.zoom.us/j/xxxxx</a>
10:00 – 11:00	<b>Keynote Speaker 1:</b> “ ” <b>Prof. Yassin MALEH</b> (ENSA Khouribga, Morocco) <i>Meeting link:</i> <a href="https://us06web.zoom.us/j/xxxxx">https://us06web.zoom.us/j/xxxxx</a>
11:00 – 11:30	Coffee break
11:30 – 01:00	<b>Online Session 1: Foundations and Core Concepts</b> <b>Session Chair :</b> Dr. Mohamed Lahby <b>Meeting link:</b> <a href="https://us06web.zoom.us/j/xxxxx">https://us06web.zoom.us/j/xxxxx</a>  <ol style="list-style-type: none"><li><b>A Systematic Review of Machine Learning and Deep Learning Applications in Information Security</b> <b>Authors:</b> Abdulaziz Aborujilah; Sabaa Ahmed Yahya Al-Galal, Samir Hammami, Mohammed al-sarem, Akram Bennour</li><li><b>Impact of Generative AI on Cybersecurity and Data Privacy</b> <b>Authors:</b> Hajar FARES, Noura AKNIN and Youssef BADDI</li></ol>

<b>1:00 – 3:00</b>	<b>Lunch Break</b>
<b>3:00 – 4:00</b>	<b>Keynote Speaker 2: “ ”</b> <b>Prof. Izzat Alsamdi</b> (Department of Computational, Engineering and Mathematical Sciences, Texas A&M, San Antonio)
<b>4:00 – 4:30</b>	<b>Coffee break</b>
<b>04:10 – 5:40</b>	<b>Online Session 2: Applications of Gen AI in Threat Detection and Defense</b> <b>Session Chair :</b> Dr. Youssef BADDI <b>Meeting link:</b> <a href="https://meet.google.com/X">https://meet.google.com/X</a>  <ol style="list-style-type: none"> <li><b>Generative Adversarial Networks for Intrusion and Malware Detection</b>  <b>Authors:</b> Akram CHHAYBI and Saiida LAZAAR</li> <li><b>Harnessing Generative AI for Enhanced Cybersecurity in E-Health Systems</b>  <b>Authors:</b> Dr. C.V. Suresh Babu, Professor, KALYAN KUMAR V L, AKSHAYA A S JESWIN FRANCIS A</li> <li><b>Leveraging Generative AI for Enhancing SDN Security: A Two-Level Classification Framework Against Relay-Based Link Fabrication Attacks</b>  <b>Authors:</b> Ilyasse Mellal, Abderrahim Ait Wakrime, Anis Laouiti and Khaoula Boukir</li> </ol>
<b>05:40 – 7:00</b>	<b>Online Session 3: Generative AI: Sector-Specific Use Cases</b> <b>Session Chair :</b> Dr. X <b>Meeting link:</b> <a href="https://meet.google.com/X">https://meet.google.com/X</a>  <ol style="list-style-type: none"> <li><b>Adoption of Artificial Intelligence in Smart Cities : Literature Review and Bibliometric Analysis</b>  <b>Authors:</b> Taoufiq El Moussaoui <sup>1</sup>, Chakir Loqman <sup>1</sup> and Alaa Eddine El Moussaoui <sup>2</sup></li> <li><b>Securing AI in Agriculture: Emerging Cyber Threats, Vulnerabilities, and Resilience Strategies</b>  <b>Authors:</b> Rachid Batess, Ralf Leiter, Younes El Fellah, and El Hossain Baali</li> <li><b>Blockchain-SDN-Based Secure Architectures for Industrial IoT</b>  <b>Authors:</b> Jihad Kilani, Youssef Baddi, Faïçal Bensalah, and Anass Sebbar</li> <li><b>Towards Next-Generation Cyber Threat Intelligence in Edge-IoT: A Synergy of Generative AI, Federated Learning, and Blockchain</b>  <b>Authors:</b> Wissal LAZRAQ , Samia EL HADDOUTI</li> </ol>

## FRIDAY, May16<sup>th</sup>, 2025

09:00 – 10:00	<b>Welcome &amp; Opening Ceremony</b> Prof. Youssef BADDI (General Chair, Chouaib Doukkali University, Morocco ) Prof. Izzat Alsamdi (General Chair, Department of Computational, Engineering and Mathematical Sciences, Texas A&M, San Antonio) Meeting link: <a href="https://us06web.zoom.us/j/xxxxxxx">https://us06web.zoom.us/j/xxxxxxx</a>
10:00 – 10:30	Coffee break
10:30 – 13:00	<b>Online Session 4: Ethics, Education, and Future Directions</b> <b>Session Chair:</b> Dr. Hicham TOUMI <b>Meeting link:</b> <a href="https://us06web.zoom.us/j/xxxxx">https://us06web.zoom.us/j/xxxxx</a>  <ol style="list-style-type: none"> <li>1. <b>Higher Education and Generative AI – Applications, Challenges, and Ethics</b>  <b>Authors:</b> KAOUNI Mouna, LAKRAMI Fatima, LAOUIDYA Ouidad, BADDI Youssef</li> <li>2. <b>On Exploring Generative AI for Privacy Preservation in IoT Ecosystem</b>  <b>Authors:</b> Hafssa BENABOUD, Hiba KANDIL and Saiida LAZAAR2</li> <li>3. <b>Navigating Dualities – The Role of Generative AI in Cybersecurity for Defense and Attacks</b>  <b>Authors:</b> <i>Garrett Crumrine, Michael J. O'Brien, Izzat Alsmadi, and Yuvaraj Munian</i></li> <li>4. <b>Generative AI-Driven Penetration Testing: Frameworks, Methodologies, and Ethical Considerations</b>  <b>Authors:</b> Yassine Maleh</li> </ol>
13:00 – 15:00	Lunch Break
15:00	<b>Closing Ceremony</b> <b>Meeting Link:</b> <a href="https://us06web.zoom.us/j/xxxxxxxxxx">https://us06web.zoom.us/j/xxxxxxxxxx</a>