

4th International Conference
CHALLENGES AND REALITY OF THE IT-SPACE:
SOFTWARE ENGINEERING AND CYBERSECURITY (SECS-2025)

Thursday, 23 October 2025 – Friday, 24 October 2025 Kyiv, Ukraine (online)

<https://secs.knute.edu.ua/>

The Center for Cyber Intelligence and Security Innovations (Ukraine), University of Custom and Finance (Ukraine), State University of Trade and Economics (Ukraine), ITBIZ LLC (Ukraine), Poznań University of Economics and Business (Poland), University of Salford (UK), La Salle University (U.S.), National University of Life and Environmental Sciences of Ukraine (Ukraine), University of Economics and Law “KROK” (Ukraine), Institute of Social and Economic Development (Ukraine), and OÜ “Scientific Center of Innovative Research” (Estonia) invite researchers and industry professionals to join our discussion platform. This initiative aims to foster international collaboration and address contemporary and future challenges in software engineering and cybersecurity.

Conference topics:

1. Innovations in Cybersecurity Systems

- Cyber Resilience Strategies for National Infrastructure Protection
- Advancements in Cybersecurity Education and Workforce Development
- AI and Machine Learning Applications in Cyber Defense
- Zero Trust Architecture for Network Security
- Social Engineering Threats and the Human Factor in Cybersecurity
- Securing Internet of Things (IoT) and Ubiquitous Systems
- Ransomware and Denial of Service Attacks: Prevention and Response

2. Cyberdiplomacy in Navigating Security and Sovereignty Challenges

- The Role of Cyberdiplomacy in Economic Stability and Security
- Ethical Considerations in National and International Cybersecurity Operations
- Global Collaboration and Challenges in Cybersecurity Efforts
- Tackling Fake News and Disinformation on a Global Scale
- Election Security and Integrity in Cross-Border Contexts
- Data Sovereignty and Cybersecurity in International Relations
- Cybersecurity's Impact on Geopolitical Alliances and Policy

3. Software Engineering for Enhanced Security and Privacy

- Best Practices in Secure Software Development
- Privacy by Design: Integrating Privacy into Software Systems
- Threat Modeling for Security-Driven Software Development
- Secure Web Design and Programming Techniques
- Database Security and Management for Sensitive Information
- IoT Integration in Secure Software Development
- AI's Role in Secure and Private Software Engineering

4. Leveraging AI for Sustainable Digital Transformation

- Ethical AI Implementation in Digital Transformation Initiatives
- AI Governance: Policies for Responsible Digital Evolution
- Bias Mitigation in AI Model, Algorithms and Applications
- AI-Driven Decision Making: Ensuring Accountability
- AI and Human Collaboration in Digital Workplace
- AI in education

Any form of participation in the conference, including submitting and publishing an article, is **FREE OF CHARGE**. Conference official language: **English**. The conference proceedings will be published in a reputable Ukrainian journal. The Organization Committee accepts manuscripts of scientific works that have never been published before and are not intended for simultaneous publication in other editions. The article must be written in English, carefully read by the author(s), correspond to the thematic direction of the Conference and contain all structural elements, abstract, keywords, JEL. The volume of the manuscript is **6-8 pages**, including figures and tables. The number of authors allowed is not more than **three**. The template for an article is available [here](#).

The submission deadline is **Monday, 15 September 2025, 11:45 p.m.** Kyiv time

zone. The registration link is <https://forms.gle/p5nHR1AES9GoLc3N9>

The submission link is <https://cmt3.research.microsoft.com/SECS2025>. You need to register at <https://cmt3.research.microsoft.com> to be able to submit your article.

The paper template can be downloaded [here](#).

Acceptance notification is **Tuesday, 30 September 2025, 11:45 p.m.** Kyiv time zone.

Our online Conference starts on **Thursday, 23 October 2025** at 3 p.m. Kyiv time zone. If you have any additional questions, feel free to email us conf_SECS@knute.edu.ua.