

## INTERNATIONAL CONFERENCE

### **AI Frontiers in Cybersecurity and Infrastructure Protection**

22 May 2025, Warsaw (online)

*Security and Defence Quarterly* and the Doctoral School of War Studies University, Poland, are pleased to announce the upcoming International Conference on AI Frontiers in Cybersecurity and Infrastructure Protection. As artificial intelligence continues to reshape security paradigms, this conference aims to provide an engaging platform for scholars, practitioners, and industry experts to share insights, original research, and recent advancements in this critical field.

AI is playing a transformative role in redefining the landscape of cybersecurity and infrastructure protection. From sophisticated threat detection algorithms to predictive analytics, AI technologies are essential for addressing the rapidly evolving challenges in the security sector. This conference will bring together a diverse group of experts and researchers to explore cutting-edge research, practical applications, and the ethical considerations surrounding AI's role in enhancing cybersecurity and protecting critical infrastructure. We seek a wide range of potential contributions including, but not limited to:

- 1) the role of AI in enhancing or compromising security
- 2) AI applications in engineering and infrastructure
- 3) AI-driven cybersecurity measures and their implications for privacy and civil liberties
- 4) the use of AI in military strategy, including autonomous weapons systems and decision-support systems for infrastructure protection
- 5) the challenges of AI in combating mis- / disinformation and cyber threats
- 6) ethical considerations and policy-making in the deployment of AI technologies in cybersecurity and infrastructure protection sectors
- 7) case studies on the implementation of AI in security frameworks and its impact on international cooperation, particularly in cybersecurity and infrastructure protection areas.
- 8) immersive technology in military education
- 9) virtual environments and user interaction
- 10) advanced imaging and sensing techniques in infrastructure protection and cybersecurity

Participants are encouraged to submit original research that addresses key issues in the scope of the conference topics. Contributions covering practical case studies, theoretical analyses, and cross-disciplinary approaches are welcome, as they will help shape the future direction of AI applications in security.

The event will be held online via the MS Teams platform, providing convenient access for attendees worldwide. A link to the event will be sent to all registered participants by email prior to the conference.

The conference is free of charge.

Please register by 6 May 2025 by filling out the registration form.

The presentation should last up to 20 minutes. The organizers reserve the right not to accept the submission.

Papers may be submitted to *Security and Defence Quarterly*, a scholarly journal dedicated to advancing knowledge and understanding of theory, research, and practice in the field of security and defence. All authors must follow the Security and Defence “Guide for Authors”. To submit a manuscript, please go to: <https://securityanddefence.pl/> and select this Special Issue “AI Frontiers in Cybersecurity and Infrastructure Protection”. All submissions are subject to standard peer review, revision, and re-submission processes.

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### **Important dates:**

Registration: 6 May 2025

Conference date: 22 May 2025

Paper submission: 31 May 2025

### **Scientific committee**

prof. Dogan Aydin, İzmir Kâtip Çelebi University, Turkey

prof. Bert Chapman, Purdue University, USA

prof. Abdellah Chehri, Royal Military College of Canada

dr hab. Dorota Domalewska, War Studies University, Poland

dr hab. Marta Gębska, War Studies University, Poland

dr hab. Marek Górka, Koszalin University of Technology, Poland

dr hab. Danuta Kaźmierczak, Pedagogical University of Cracow, Poland

dr hab. Krzysztof Krakowski, Gen. T. Kosciuszko Military University of Land Forces, Poland

dr inż. Jacek Lebieź, prof. PG, Gdańsk University of Technology

dr Marco Marsili, Cà Foscari University of Venice, Italy and Center for Research and Development, Military University Institute, Portugal

prof. Panagiotis Palaios, Deree. The American College of Greece

prof. Andrej Skolkay, The School of Communication and Media, Bratislava, Slovakia

Col. dr hab. Andrzej Soboń, War Studies University, Poland

Lt Col. dr Wojciech Sójka, War Studies University, Poland

dr hab. Ilona Urych, War Studies University, Poland

dr Paweł Weichbroth, Gdańsk University of Technology

dr hab. Barbara Wiśniewska-Paź, University of Wrocław, Poland

prof. George Andrew Zombanakis, Deree. The American College of Greece

### **Organizing committee**

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