



THE 5th INTERNATIONAL SCIENTIFIC CONFERENCE EMERGING AND DISRUPTIVE TECHNOLOGIES' IMPACT ON GLOBAL SECURITY



CALL FOR PAPERS

**March 26-27, 2026
SIBIU, ROMANIA**

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GENERAL TOPICS AND PANELS

I. EMERGING AND DISRUPTIVE SOLUTIONS: TECHNICAL AND SYSTEMIC PERSPECTIVES

1. Artificial Intelligence and Machine Learning in Disruptive Solutions
2. Blockchain and Data Security: Impact and Emerging Applications, from Crypto-Assets to Trusted Infrastructures and Digital Identity
3. The Role of AI and IoT in Complex Architectures: Challenges and Opportunities in Managing the Resilience of Critical Systems and Services
4. Quantum, Edge, and Neuromorphic Computing and Their Disruptive Potential in Complex Systems: Possible Practical Applications and Scaling Challenges in Security, Engineering, and Economics
5. Collaborative Robotics and Interconnected Autonomous Systems
6. Big Data Analytics Mechanisms for System Optimization and Decision-Making, and the Regulation of Rapid Innovation (AI, Biotech, Data Governance)
7. Civil–Military Cooperation in Innovation and Technology Transfer
8. Agile Military Communication Architectures and Countermeasures in the Electromagnetic Spectrum
9. Technological Sustainability and Energy Efficiency in Digital Ecosystems
10. The Strategic Diplomacy of Innovation: Between Technological Progress and Geopolitical Balance

II. EMERGING AND DISRUPTIVE TECHNOLOGIES: OPERATIONAL PERSPECTIVES IN DEFENSE AND SECURITY

1. Drones and Autonomous Robots in Defense and Security Missions – UAVs, UGVs, USVs, and Swarm Systems; Autonomous Operations in Contested Environments
2. Artificial Intelligence in Cyber Threat Analysis and Prevention, and Real-Time Decision-Making – Autonomous and Semi-Autonomous Command-and-Control (C2) Systems, AI-Based Decision Support and Predictive Analytics in Military Operations
3. Augmented and Virtual Reality for Military Training and Simulation as Essential Tools for Personnel Preparation and Operational Planning
4. Integration of Uncrewed Platforms into Multi-Domain Operations (Air, Maritime, Land, Space, Cyber, Information)
5. Emerging Technologies in Surveillance and Reconnaissance (Video, Audio, Sensors), Edge Computing, and 6G Networks for Tactical Operations
6. Defensive and Offensive AI in Cyber Operations within the Global Security Environment
7. Innovative Solutions in Transportation and Materials for Enhanced Operational Mobility and Supply Chain Resilience
8. Emerging Technologies for Intelligent Vehicles, Hybrid Propulsion, Ultra-Light Materials, and Resilient Structures for Logistics and Combat Equipment
9. Autonomous Weapons and the Ethics of Digital Warfare: Challenges for International Humanitarian Law
10. The Role of Technological Diplomacy in Reconfiguring the Global Military Balance of Power: Current Challenges for the International Security System

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DEADLINES

- Paper submission: *January 15, 2026*
- Notification of paper acceptance: *February 06, 2026*
- Payment confirmation: *February 20, 2026*

REGISTRATION

- Information about registration and paper submission are available at:
https://www.armyacademy.ro/engleza/conference_EDT.php
- An author can submit two papers at most; max. three co-authors per article
- Papers presented at the conference will be considered for publication, in a special issue of the ACTA TEHNICA NAPOCENSIS
(<https://wos-journal.info/journalid/3242>)

Paper selection:

- the International Scientific Committee will consider all papers received until the submission deadline;
- the authors will use the ACTA TEHNICA NAPOCENSIS paper template and will strictly follow the instructions provided in it;
- all papers received until the submission deadline will be double-blind reviewed by members of the International Scientific Committee;
- for authors whose language is not English we strongly recommend to use a proofreading service (preferably by an English native speaker or specialist).

Payment details:

- 140 Euro/article, for the publication in the conference proceedings (includes accommodation and meals for one author);
- 80 Euro/person, for the co-authors of an article (only if they will participate in the conference and includes accommodation and meals);
- 65 Euro/person, for the co-authors of an article (only if they will participate in the conference and includes only meals, without accommodation);
- 200 Euro/2 articles (includes accommodation and meals);
- 120 Euro/article or 180 Euro/2 articles - for the International Scientific Committee's Members, Organizing Committee's Members, Scientific Reviewers, teaching staff and military instructors belonging to "Nicolae Bălcescu" Land Forces Academy.

The fee is not to be paid until you receive the evaluation results.

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