



University
of Defence



Faculty of Military
Leadership

PROGRAM OF THE CONFERENCE

19th INTERNATIONAL DOCTORAL CONFERENCE

„NEW APPROACHES TO THE NATIONAL SECURITY“

organized by the Faculty of Military Leadership

Conference Date: 20st March 2025, 8:30 am, registration from **8:00 am**
Conference Venue: University of Defence, Academic Council Hall No 50, Kounicova
300/44, 662 10 Brno

Chairman: Col. GS Assoc. Prof. Eng. Martin VLKOVSKÝ, PhD (Vice-Dean)

Co-chairs: Col. GS Eng. Jan DROZD, PhD. (Dean of Faculty)

Ltc. Prof. Eng. Petr STODOLA, PhD

Prof. Eng. Ladislav POTUŽÁK, PhD

Prof. PhDr. Miroslav KRČ, PhD

Prof. PhDr. RSDr. František HANZLÍK, PhD.

Assoc. Prof. Eng. Miloslav PECINA, PhD

Plenum Moderator: Ltc. Eng. Jiří NOVOTNÝ

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| 8:00 – 8:30 | REGISTRATION OF PARTICIPANTS |
| 8:30 – 8:45 | Opening speech: dean, chairman, moderator |
| 8:45 – 9:15 | KEYNOTE SPEECH – THE BALTIC SEA - AN ARENA FOR HYBRID THREATS (ENG): PhD Radosław Tyślewicz, assistant professor, Proxy of the Rector-Commandant for Promotion, Head of the Promotion and International Exchange Department, Naval Academy in Gdynia (POL) |
| 9:15 – 9:45 | KEYNOTE SPEECH – CRITICAL INFRASTRUCTURE AND ITS IMPACT ON THE MILITARY MOBILITY (CZE): Vlkovský, Tichý (CZE) |
| 9:45 – 10:00 | THE STRATEGIC ROLE OF LOGISTICS IN SHAPING INTERNATIONAL RELATIONS: POWER, TRADE, AND SECURITY (ENG): Martins (BRA) |
| 10:00 – 10:30 | COFFEE BREAK |

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| 10:30 – 11:00 | TERRORISM IN SWEDEN - NEW REALITY FOR SCANDINAVIAN COUNTRIES SECURITY SYSTEM (ENG): Wysocka (POL) |
| 11:00 – 11:30 | USE OF UAV AND UGV IN COMBAT SUPPORT ENGINEERING DURING THE WAR IN UKRAINE: ENGINEERING ROLES IN MOBILITY AND COUNTER-MOBILITY: Bilina (CZE) |
| 11:30 – 11:45 | AUTONOMOUS SYSTEMS IN ARMED FORCES: CHALLENGES AND PITFALLS OF LEGAL REGULATION: Filipi (CZE) |
| 11:45 – 12:00 | OBSTACLES TO IMPLEMENTATION OF THE EUROPEAN DEFENCE INDUSTRY PROGRAMME (EDIP): Golubenko (CZE) |
| 12:00 – 12:15 | THE DEPLOYMENT OF UNMANNED AERIAL VEHICLES BY THE CZECH REPUBLIC ARMY DURING THE FIRE IN THE BOHEMIAN SWITZERLAND NATIONAL PARK: Hocová (CZE) |
| 12:15 – 12:30 | MODERNIZATION OF ARTILLERY TRAINING IN THE CZECH ARMED FORCES USING SIMULATION TECHNOLOGIES: Korec (CZE) |
| 12:30 – 13:30 | LUNCH BREAK |
| 13:30 – 13:45 | POSSIBILITIES OF MODERNISING TRAINING USING SIMULATION TECHNOLOGIES IN THE CZECH ARMED FORCES: Kříž (CZE) |
| 13:45 – 14:00 | THE IMPORTANCE OF PREDICTIVE MAINTENANCE FOR THE OPERATION OF MILITARY EQUIPMENT: Procházka (CZE) |
| 14:00 – 14:15 | RADIATION EMERGENCY EVENT IN CRISIS MANAGEMENT: Rypl Dušková (CZE) |
| 14:15 – 14:30 | CRITICAL THINKING AS A KEY COMPETENCE OF MEMBERS OF THE ARMED FORCES: A DISSERTATION RESEARCH DESIGN: Skřivánek (CZE) |
| 14:30 – 14:45 | COFFEE BREAK |
| 14:45 – 15:00 | THE IMPACT OF VIBRATIONS ON ARTILLERY WEAPON SYSTEM CREW: ANALYSIS OF EFFECTS AND MEASUREMENT POSSIBILITIES: Vitoul (CZE) |
| 15:00 – 15:15 | ARCHITECTURE OF STRATEGIC DECISION SUPPORT SYSTEMS FOR THE CONSTRUCTION OF ARMED FORCES: Novotný (CZE) |
| 15:15 – 15:30 | OPERATIONAL DOMAIN SPACE: Byrtus (CZE) |
| 15:30 – 15:45 | ENDING THE CONFERENCE |