

Session Program

25–26 Jun 2026



International Conference on Secure Systems Design and Technology Development (SysTechDev 2026)

Defence and Security Technology

"Vasil Levski" National Military University
Veliko Tarnovo, Bulgaria

Thursday 25 June

12:05

Defence and Security Technology: DS I

Session | Location: Room 1118 | Conveners: Nikolay Dolchinkov, Plamen Atanasov

12:05-12:20

PSYCHOLOGICAL QUALITIES OF STRATEGIC LEADERS AND THEIR SIGNIFICANCE FOR PROFESSIONAL SELECTION IN THE NATIONAL SECURITY SYSTEM

Speaker

Mr Kristiyan Petrov

12:20-12:35

The Crisis Around Greenland and the Test for NATO and the EU: Legal Limits of Territorial Claims and Tools Against Coercion

Speaker

Dr Daniel Berchev

12:35-12:50

Compact Critical Infrastructure Active Drone Protection System – Conceptual Design

Speaker

Dr Zhivo Petrov

12:50-13:05

Assessment of EU Digital Identity Wallet from Security Perspective

Speaker

Dr Alexander Yankov

13:05-13:20

Climate-Induced Migration to the EU: Legal Protection Gaps and the Role of Media Narratives

Speaker

Vasil Pavlov

13:20-13:35

Criminalization as a tool for ensuring national security in the modern rule of law. (Short logical statement)

Speaker

Dr Lyuboslav Lyubenov

13:35-13:50

Two approaches to seeking public support in addressing challenges in the field of international security

Speaker

Plamen Atanasov

13:50

14:25

Defence and Security Technology: DS II

Session | Location: Room 1118 | Conveners: Plamen Atanasov, Nikolay Dolchinkov

14:25-14:40

CSR AND EMPLOYEE WELL-BEING IN SUSTAINABLE HUMAN RESOURCE MANAGEMENT

Speaker

Kiril Anguelov

14:40-14:55

MEDIATION AS A RISK MANAGEMENT INSTRUMENT REFRAMING ORGANIZATIONAL CONFLICT AS A MISSING STRUCTURAL ELEMENT IN ERM FRAMEWORKS

Speaker
Georgi Dimitrov

14:55-15:10

MANAGING ENVIRONMENTAL RISKS THROUGH ESG

Speaker
Dr Kiril Luchkov

15:10-15:25

An Integrated Approach to the Security of Energy Infrastructure: Problems and Innovative Solutions

Speaker
Dr Kiril Luchkov

15:25-15:35

Verifying aspects an "Brute force" attack on 256 - AES encrypted voice stream

Speaker
Ms Elitsa Petkova

15:35-15:50

CORPORATE RESPONSIBILITY IN SUSTAINABLE SUPPLY CHAINS: EXTENDED ROLES AND IMPLICATIONS

Speaker
Kiril Anguelov

15:55

14:25

Defence and Security Technology: DS V

Session | Location: Room 1208 | Conveners: Iliyan Lilov, Svilen Stefanov

14:25-14:40

APPROACHES FOR MODELING OF A SHOPPING MALL EVACUATION

Speaker
Prof. Iliyan Lilov

14:40-14:55

Comparative analysis of the national security strategies of Bulgaria, the USA, Russia and China through the prism of key security theories

Speaker
Daniel Berchev

14:55-15:10

A Comprehensive Approach to Assessing the Security of Built Heritage Sites Using Fire Risk Analysis and Evaluation Methodology

Speaker
Galina Mileva

15:10-15:25

The Hybrid Warfare in the Cyberspace

Speaker
Mrs Evelina Atanasova

15:25-15:40

Integrating Green Building into National Defense Systems

Speaker
Dr Kiril Luchkov

15:40

Friday 26 June

10:40

Defence and Security Technology: DS III

Session | Location: Room 1118 | Conveners: Plamen Atanasov, Nikolay Dolchinkov

10:40–10:55

Digital Sustainability: The Role of Smart HR Tools in Achieving Sustainable Development Goals (SDGs)

Speaker

Prof. Stoyko Stoykov

10:55–11:10

Integrated Study of Ocean Warming, CO₂ Uptake, and Acidification under Anthropogenic Emissions

Speaker

Dr Mihai Petrov

11:10–11:25

APPLICATION OF THE “BROKEN WINDOWS” THEORY IN THE CONTEXT OF MILITARY ORGANIZATIONAL BEHAVIOR AND DISCIPLINE

Speaker

Sabin Sabev

11:25–11:40

Competing Thermodynamic and Radiative Effects on Atmospheric Circulation in Polluted Environments

Speaker

Mihai Petrov

11:40–11:55

Cultural Parasitism: The Transposition of Foreign Cultural Models as a Threat to National Security

Speaker

Prof. Sabin Sabev

11:55–12:10

Leadership Expectations Across Strategic, Operational, and Tactical C2 Levels in a Hypothetical Military Operation: The Influence of Procedural Justice, Trust in Leaders, and Digitalization in Peacetime Settings

Speaker

Teodora Georgieva

12:10–12:25

Comparative Analysis of Motivational Factors for Service in the Bulgarian Armed Forces (2017–2025)

Speaker

Dr Teodora Grozdanova

12:30

13:30

Defence and Security Technology: DS IV

Session | Location: Room 1118 | Conveners: Nikolay Dolchinkov, Plamen Atanasov

13:30–13:45

CHALLENGES AND ACHIEVEMENTS IN THE EDUCATION IN THE GENDER PERSPECTIVES IN SECURITY AND DEFENSE'S COMMON MODULE

Speaker

Nevena Atanasova-Krasteva

13:45–14:00 Electromagnetic protection using software-defined radio**Speaker**

Mr Sevdalin Spassov

14:00–14:15 Fiscal Security and Non-Compliant Tax Conduct**Speaker**

Elina Marinova

14:15–14:30**INTERNAL FIRE HYDRANTS IN RESIDENTIAL AND PUBLIC BUILDINGS AS A FIRE-RISK MITIGATION MEASURE****Speaker**

Svilena Arabadzhieva

14:30–14:45**Condition-Based and Risk-Oriented Lifecycle Safety Management of Conventional Ammunition Using Non-Destructive Diagnostic Data****Speaker**

Iliyan Hutov

14:45–15:00**AI-DRIVEN MODEL FOR ECONOMIC EFFICIENCY IN SOFTWARE DEVELOPMENT TASKS****Speaker**

Mrs Miglena Angelova

15:00–15:15**ALGORITHMIC MANAGEMENT AS A DRIVER OF ACCELERATED GROWTH IN HIGH-GROWTH FIRMS****Speaker**

Mrs Miglena Angelova

15:15–15:30**AI-ENABLED MULTI-SENSOR FUSION FOR FIELD DETECTION OF CHEMICAL WARFARE AGENTS: A SYSTEM-ORIENTED EXPERIMENTAL STUDY****Speakers**

Iliyan Hutov, Prof. Ivan Ivanov

15:30–15:45**Challenges in the Development of Autonomous Energy Microgrids in Bulgaria****Speaker**

Dr Kiril Luchkov

15:45–16:00**RISKS AND MITIGATION MEASURES IN THE INTEGRATION OF ARTIFICIAL INTELLIGENCE INTO THE COMMAND CHAINS OF THE ARMED FORCES****Speaker**

Emil Ivanov

16:00