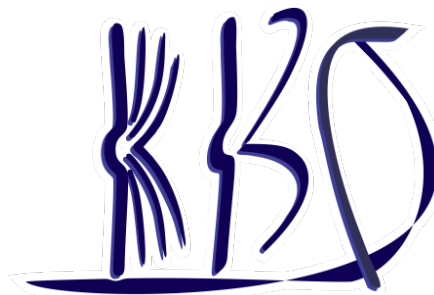


**“NICOLAE BĂLCESCU”
LAND FORCES ACADEMY OF SIBIU**



THE 28TH INTERNATIONAL SCIENTIFIC CONFERENCE

THE KNOWLEDGE-BASED ORGANIZATION



PROGRAMME

June 16-18, 2022



 **“Nicolae Bălcescu” Land Forces Academy Publishing House**

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KBO 2022 Programme

Day 1: Thursday, June 16	
15.00-22.00	– Arrival of Participants
Day 2: Friday, June 17	
07.30-08.30	– Breakfast
08.30-09.00	– Registration of Participants
09.00-09.15	– Opening Ceremony (Auditorium, Bldg. D)
09.30-14.00	– Panel Presentations* (Designated Auditoria, Bldg. B) Optional: <i>13.15 – Participation in the Ceremony of Awarding the Title of Doctor Honoris Causa to Professor Nicolae ISTUDOR, PhD, Rector of the Bucharest University of Economic Studies (Auditorium, Bldg. D)</i>
14.00-15.00	– Lunch
15.00-18.00	– Panel Presentations* (Designated Auditoria, Bldg. B)
19.00-22.00	– Dinner
Day 3: Saturday, June 18	
08.00-09.00	– Breakfast
09.00-14.00	– Leisure Activities
14.00	– Departure of Participants

**Online presentations will be delivered on Moodle Platform, using the panel link received by e-mail.*

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PANEL 1: SECURITY AND DEFENCE

Chairpersons: Aurelian RAȚIU
Paul TUDORACHE
Ionuț Alin CÎRDEI

Place: “Marshal Averescu” Auditorium
Bldg. B; 3rd Floor; Room: 81

1. *Societal Resilience, a Key Factor in Combating Hybrid Threats*, **Adrian Constantin APOSTOL***, **Nicoleta CRISTACHE***, **Marian NĂSTASE****, **“Dunărea de Jos”*, University of Galați, Romania, **Bucharest University of Economic Studies, Romania
2. *The Barcelona Attack as an Example of a New Way of Carrying Out a Terrorist Attempt in an Urban Space Using a Vehicle Ramming a Crowd of Pedestrians*, **Tomasz BAŃK**, Law and Administration University in Rzeszow, Poland
3. *Impact of the COVID-19 Pandemic on the International Position of East Asian Countries*, **Marlena Blicharz**, War Studies University, Warsaw, Poland
4. *Challenges to European and Euro-Atlantic Security*, **Ionuț Alin CÎRDEI**, **Lucian ISPAS**, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania
5. *Artificial Intelligence and the Future of Defence Planning and Resources Management*, **Maria CONSTANTINESCU**, **Vlad Ionuț DUMITRACHE**, “Carol I” National Defense University, Bucharest, Romania
6. *The Modernization of the Bulgarian Army – A Factor for Its Readiness*, **Sevdalina DIMITROVA**, “Vasil Levski” National Military University, Veliko Tarnovo, Bulgaria
7. *NATO’s Nordic Expansion, a Decision at Stake. Consequences Upon the European Security Landscape*, **Anca DINICU**, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania
8. *Conceptual Framework – Basis of Successful Tactical Actions*, **Kalin Veselinov GRADEV**, “G. S. Rakovski” National Defence College, Sofia, Bulgaria
9. *Technology – Military Art Connections in the Military Training Process*, **Constantin GRIGORAȘ**, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania

10. *The Strategic Determinations of the Gherasimov Doctrine on the Military Actions and the Protection of the Critical Infrastructure in the Russian-Ukrainian War*, **Laurențiu Mihail GRIGORE**, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania
11. *The Meaning of the Term Noncombatant in International Humanitarian Law – Interpretation of the Provision of Article 37/1/C of the Additional Protocol I of Geneva of 1977*, **Sabin GUȚAN**, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania
12. *Lessons Learned from the Modern Armed Forces Strategic Deployment in Operations*, **Marius HRAB**, “Carol I” National Defense University, Bucharest, Romania
13. *Trends in Radicalization Processes and Terrorist Activities after COVID-19*, **Dimo IVANOV**, “G. S. Rakovski” National Defence College, Sofia, Bulgaria
14. *Shooting Training with Light Infantry Weapons, an Essential Dimension of Individual and Collective Training*, **Radu Adrian MANDACHE**, **Constantin GRIGORAȘ**, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania
15. *The Expansion of the North Atlantic Alliance and Its Relationship with Russia*, **Ileana-Gentilia METEA**, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania
16. *The Actual Security Climate in the Black Sea Basin*, **Valerian NOVAC**, **Eugen RUSU**, “Dunărea de Jos” University, Galați, Romania
17. *Evolution of Conflicts, Strategies, and High-Precision Weapon Systems*, **Georgel OPREAN**, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania
18. *Environmental Impact of Wars and Armed Conflicts*, **Milena PALCZEWSKA**, War Studies University, Warsaw, Poland
19. *Trends in Current Military Conflicts Operational Environments*, **Aurelian RAȚIU**, **Paul TUDORACHE**, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania
20. *Trust in Military Organizations*, **Raluca RUSU**, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania

21. *Issues regarding the Use of ISR Structures in Conventional Operations in the Context of National Resilience*, **Cristian STANCIU**, **Valeriu-Adrian JIANU**, “Carol I” National Defense University, Bucharest, Romania
22. *Legal Approach to the Democratic Control of the Armed Forces*, **Alexandru STOIAN**, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania
23. *Hybrid Warfare – from Red to Blue Operational Behaviours*, **Paul TUDORACHE***, **Ghiță BÂRSAN****, **Zoltán JOBBÁGY*****, **Aurelian RAȚIU***, * “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania, ** “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania, Academy of Romanian Scientists, Bucharest, Romania, *** “Ludovika” University of Public Service, Budapest, Hungary
24. *Directions for the Leadership, Command and Control System of the Country’s Defence Improvement*, **Nikolay Tenev URUMOV**, “Vasil Levski” National Military University, Veliko Tarnovo, Bulgaria
25. *Nature of Leadership, Command and Control System of the Defence of the Country*, **Nikolay Tenev URUMOV**, “Vasil Levski” National Military University, Veliko Tarnovo, Bulgaria
26. *Examples of Russian Information War Activity at the Beginning of Ukrainian Crisis*, **Tomasz ZAWADZKI**, War Study University, Warsaw, Poland

PANEL 2: SOCIETY AND ECONOMICS

SUB-PANEL 2.1: SOCIETY AND COMMUNICATION

Chairpersons: Crenguța Mihaela MACOVEI

Gabriela MIHĂILĂ LICĂ

Place: “Marshal Prezan” Auditorium

Bldg. B; 3rd Floor; Room: 80

1. *STANAG 6001 Russian Language Exam: Holistic Approach to Assessing Speaking*, **Diana BORIMECHKOVA**, “G. S. Rakovski” National Defence College, Sofia, Bulgaria
2. *Advantages of Language Proficiency in the Military Environment*, **Simona BOȘTINĂ-BRATU**, **Alina NEGOESCU**, **Lucia MORAR**, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania
3. *On the Use of Qualitative Research Methodology in the Military Organization*, **Ștefania BUMBUC**, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania
4. *Challenges to the Military Education System when Training Representatives of Generations X, Y and Z*, **Teodora CHALAKOVA***, **Radoslav CHALAKOV****, *Ministry of Defence of the Republic of Bulgaria, Sofia, Bulgaria, **“G. S. Rakovski” National Defence College, Sofia, Bulgaria
5. *Transparency of Accounting Information in the Romanian Gendarmerie*, **Narcis-Alexandru CORMAN**, “1 Decembrie 1918” University, Alba Iulia, Romania
6. *Oracy in the 21st Century – Developing Speaking Competence for Real World Interactions*, **Isabela-Anda DRAGOMIR**, **Brândușa-Oana NICULESCU**, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania
7. *The Higher Education Institution between Legal Norms and Ethical Rules*, **Teodora DRĂGHICI**, **Oana-Antonia ILIE**, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania
8. *Collaborative Teaching – A Bridge Building towards Students’ Social and Academic Benefits*, **Daniela DURALIA**, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania

9. *Leaders Attributes in Modern Warfare*, **Crina-Bianca FRĂȚILĂ**, “Lucian Blaga” University of Sibiu, Romania
10. *On Types and Paradigms of Military Leadership*, **Crina-Bianca FRĂȚILĂ**, “Lucian Blaga” University of Sibiu, Romania
11. *International Ideation for Hybrid ESP Teaching*, **Valentina GEORGIEVA**, “G. S. Rakovski” National Defence College, Sofia, Bulgaria
12. *Online Audio-Video Content as Homework in English Language Teaching: A Classroom-Tested Application for Undergraduate Programs Designed during the Coronavirus Pandemic*, **Ramona HĂRȘAN**, “Henri Coandă” Air Force Academy, Brașov, Romania
13. *Complaints, Requests and Petitions as Instruments of Social Control for Civil Society in a Democratic State of Law*, **Wojciech M. HRYNICKI**, University of Public and Individual Security “Apeiron”, Krakow, Poland
14. *Managing Different Generations in the Workplace*, **Crenguța Mihaela MACOVEI**, **Fabiana MARTINESCU-BĂDĂLAN**, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania
15. *Contingent Valuation of Built Cultural Heritage in a Small Town: Oravița (Romania)*, **Florentina-Cristina MERCIU***, **Cornel PĂUNESCU***, **Martin OLARU****, **George Laurențiu MERCIU***, *University of Bucharest, Romania, **University of Oradea, Romania
16. *The Impact of the COVID-19 Pandemic on the Valorization of Cultural Heritage. Case Study: Bucharest Municipality (Romania)*, **Florentina-Cristina MERCIU**, **Camelia TEODORESCU**, **Cornel PĂUNESCU**, **George-Laurențiu MERCIU**, University of Bucharest, Romania
17. *Ways to Increase the Psychological Well-Being of Students during Online Courses*, **Gabriela MIHAILĂ LICĂ**, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania
18. *Of Battle and Business: Military Language in the Corporate Environment*, **Alina-Elena ONET***, **Ana-Blanca CIOCOI-POP****, * “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania, ** “Lucian Blaga” University of Sibiu, Romania

19. *The Psychological Impact of the Public Interest Message on a Healthy Lifestyle*, **Maria Dorina PAȘCA**, “George Emil Palade” University of Medicine, Pharmacy, Science and Technology, Târgu Mureș, Romania
20. *Culture as a Vector of Intercultural Communication in Times of Crisis*, **Maria-Lucia RUSU**, **Alina-Elena ONET**, **Ioan VIRCA**, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania
21. *Resistance Combat – The Best Defence of Small States against an Invasion*, **Daniel SOLESCU**, **Ioan-Dan POPA**, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania
22. *The Role of Critical Thinking in Enhancing Military Professionals’ Leadership Skills through Training in Foreign Language and Economics*, **Galina TODOROVA**, **Valya TSVETANOVA**, “Georgi Benkovski” Air Force Academy, Dolna Mitropolia, Bulgaria

SUB-PANEL 2.2: ECONOMICS

Chairpersons: **Alina-Teodora CIUHUREANU**
Cristina BĂTUȘARU

Place: “Avram Iancu” Auditorium
Bldg. B; 3rd Floor; Room: 66

1. *Projections on the Role of Sustainable Finances*, **Cristina BĂTUȘARU***, **Alina RĂDOIU****, **“Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania*, ***“Lucian Blaga” University of Sibiu, Romania*
2. *Qualities Required for Accounting Professionals from the Perspective of Capitalizing the Accounting Information*, **Alina-Teodora CIUHUREANU**, *“Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania*
3. *Creative Accounting – Option or Necessity*, **Sebastian FLOȘTOIU**, *“Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania*
4. *Fundamentals of Financial Operations in the Military Organisation*, **Marius MILANDRU**, **Sebastian FLOȘTOIU**, *“Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania*
5. *The Impact of Public Budget Distortion on the Defence Capabilities of the New European NATO Member States*, **Vojtěch MÜLLNER**, **Kamil NEČAS**, *University of Defence, Brno, Czech Republic*
6. *Usage of Budgetary and Accounting Data for Financial Planning in Time of Crisis: the Case Study of the Czech Republic’s Ministry of Defence*, **Kamil NEČAS**, **Jana BOULAOUAD**, *University of Defence, Brno, Czech Republic*
7. *Current Challenges in Allocating Financial Resources for Public Investment*, **Andreea OCOLIȘANU**, **Virgil CANDALE**, *“Lucian Blaga” University of Sibiu, Romania*
8. *Restrictions on the Free Movement of Capital Affecting Third Countries*, **Petko PALAZOV**, *“Neofit Rilski” South-West University, Blagoevgrad, Bulgaria*
9. *Analysis of the Military Spending during Challenging Periods*, **Carina-Bianca PĂTRÎNJAN**, *“1 Decembrie 1918” University, Alba Iulia, Romania*

10. *Determining the Performance of the Use of Resources in the Public Sector*, **Valentin PÎRVUȚ***, **Alin Teodor HUSERAȘ****, **“Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania*, ***“Lucian Blaga” University of Sibiu, Romania*
11. *The Possibility of the Contracting Authority to Consult the Market via the Electronic Procurement System*, **Ioan-Gabriel POPA**, *“Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania*
12. *Effects of Globalization on the Internationalization and Management of the Activity of the Multinational Companies*, **Leontin STANCIU***, **Cristian-Lucian STANCIU****, **“Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania*, ***S.C. Marquardt Shaltsysteme S.C.S., Sibiu, Romania*
13. *Influences of Culture on the Management and Development of Economic Organizations*, **Leontin STANCIU***, **Cristian-Lucian STANCIU****, **“Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania*, ***S.C. Marquardt Shaltsysteme S.C.S., Sibiu, Romania*
14. *Practical Aspects regarding the Technique of the Method of Calculation and Accounting of Production Costs*, **Mariana Rodica ȚÎRLEA**, *“Dimitrie Cantemir” Christian University, Bucharest, Romania*
15. *Economic Imbalances caused by the Abuse of Some Clauses Inserted in Credit Contracts*, **Mariana Rodica ȚÎRLEA**, *“Dimitrie Cantemir” Christian University, Bucharest, Romania*
16. *Some Contemporary Aspects related to the Big Data*, **Alexander YANKOV**, *“Neofit Rilski” South-West University, Blagoevgrad, Bulgaria*

PANEL 3: MANAGEMENT AND TECHNOLOGIES

Chairpersons: Hortensia GORSKI

Andreea-Simina PORANCEA-RĂULEA

Place: “Dimitrie Cantemir” Auditorium

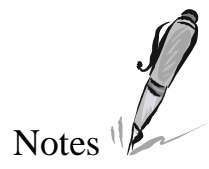
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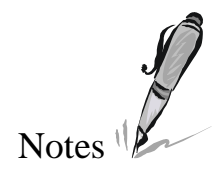
1. *Methodology for Developing Resilient Information Systems in Cyber Conflict Environment*, **Veselina ALEKSANDROVA GAGAMOVA***, **Anna GUNCHEVA***, **Violeta VASILEVA****, **“G. S. Rakovski” National Defence College, Sofia, Bulgaria, **Artshare, Estarreja, Portugal
2. *The Dimensions of Military Engineer Support in the Hybrid War*, **Constantin ANDREI**, “Nicolae Bălcescu” Land Force Academy, Sibiu, Romania
3. *Linear Programming with Interval Coefficients*, **Alina BABOȘ**, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania
4. *Digital Transformation of Higher Education System*, **George BUCĂȚA***, **Florin POPESCU****, **Cosmin TILEAGĂ*****, **“Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania, ***“Carol I” National Defense University, Bucharest, Romania, ****“Lucian Blaga” University of Sibiu, Romania
5. *The Risk of Personnel Management*, **George BUCĂȚA**, **Alexandru-Marius RIZESCU**, **Ramona-Elena HERMAN**, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania
6. *Comparative Analysis of the Risk of Explosion generated by Civil Explosives in Industrial Places for Storage of Explosive Materials*, **Monica Crinela BURDEA**, **Roland Iosif MORARU**, **Florin Ionel BURDEA**, **Cătălin Valentin DREGAN**, University of Petroșani, Romania
7. *Methodology for Analysis, Assessment and Classification of Major-Accident Hazards (Explosion) in the Case of Explosives Depots*, **Monica Crinela BURDEA**, **Roland Iosif MORARU**, **Florin Ionel BURDEA**, **Cătălin Valentin DREGAN**, University of Petroșani, Romania
8. *Determining a Particular Solution for n-th Order Linear Differential Equations with Constant Coefficients that Have the Free Term in the Following Form $P(x) \cdot \ln x$ and the Characteristic Equation Has Distinct Real Roots*, **Vasile CĂRUȚAȘU**, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania

9. *Determining a Particular Solution for n-th Order Linear Differential Equations with Constant Coefficients that Have the Free Term in the Following Form $P(x) \cdot \ln x$ and the Characteristic Equation Has a Real Root of Order of Multiplicity n*, **Vasile CĂRUȚAȘU**, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania
10. *Emerging Technologies and Solutions for Chemical Warfare Agents Decontamination*, **Raluca Elena GINGHINĂ***, **Gabriela TOADER****, **Adriana Elena BRATU***, **Ioan-Adrian STOIAN*****, *Research and Innovation Center for CBRN Defense and Ecology, Bucharest, Romania, **“Ferdinand I”, Military Technical Academy, Bucharest, Romania, ***“Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania
11. *Mecanum Wheeled Platforms for Special Applications*, **Tiberiu GIURGIU***, **Ghiță BÂRSAN****, **Ioan VIRCA***, **Cristina PUPĂZĂ*****, * “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania, ** “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania, Academy of Romanian Scientists, Bucharest, Romania, *** “Politehnica” University of Bucharest, Romania
12. *Workforce and Workplace Ecosystem – Challenges and Opportunities in the Age of Digital Transformation and 4IR*, **Andra Teodora GORSKI***, **Ilie GLIGOREA****, **Hortensia GORSKI****, **Romana OANCEA****, * “Lucian Blaga” University of Sibiu, Romania, ** “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania
13. *Challenges of Implementing Sustainable Development Management in Military and Civilian Higher Education Institutions*, **Elisabeta-Emilia HALMAGHI**, **Alexandru BABOȘ**, **Ioan-Dan POPA**, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania
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