

ROMANIA  
MINISTRY OF NATIONAL DEFENSE  
„CAROL I<sup>st</sup>” National Defense University  
Command and Staff College



## INVITATION

to the

15<sup>th</sup> INTERNATIONAL SCIENTIFIC CONFERENCE

### STRATEGIES XXI

”TECHNOLOGIES – MILITARY  
APPLICATIONS, SIMULATION  
AND RESOURCES”



## INTERNATIONAL SCIENTIFIC COMMITTEE

Brigadier General Professor Gheorghe CALOPĂREANU, PhD (National Defense University “Carol I”, Bucharest, Romania)  
Colonel Professor Iulian MARTIN, PhD (NDU)  
Colonel Professor Valentin DRAGOMIRESCU, PhD (NDU)  
Colonel Professor Constantin POPESCU, PhD (NDU)  
Colonel Professor Ioana ENACHE, PhD (NDU)  
Colonel Professor Daniel GHIBA, PhD (NDU)  
Colonel Associate Professor Marius SERBESZKI, PhD (NDU)  
Colonel Professor Lucian POPESCU, PhD  
Colonel Associate Professor Marius Victor ROȘCA, PhD  
Prof. Maciej MARSZALEK, PhD (War Studies University, Poland)  
Lieutenant Colonel Associate Professor Andrzej SOBÓŃ, PhD (War Studies University, Poland)  
Magistrate Lieutenant General Professor Erich CSITKOVITS, PhD (National Defense Academy, Austria)  
Major-General Grudi Ivanov ANGELOV, (National Defense College “G. S. RAKOVSKI”, Sofia, Bulgaria)  
Brigadier General Professor Eng. Bohuslav PŘIKRYL, PhD (University of Defense, Czech Republic)  
Brigadier General (ret.) Professor Eng. Rudolf URBAN, PhD (University of Defense, Czech Republic)  
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General Associate Professor Boguslaw PACEK, PhD (National Defense University, Poland)  
Navy Captain (ret.) Associate Professor Piotr GAWLICZEK, PhD (National Defense University, Poland)  
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Brigadier General Associate Professor Dipl. Eng. Boris ĎURKECH, PhD (Armed Forces Academy of GMRS, Slovakia)  
Major General Professor Vuruna MLADEN, PhD (Military Academy, Serbia)  
Brigadier General Professor Slaven ZDILAR, PhD (“Petar Zrinski” Defense Academy, Croatia)  
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Professor Augustin MEAHER, PhD (Estonia)  
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Professor Adrian-Liviu IVAN, PhD (National Intelligence Academy, “Mihai Viteazul”, Bucharest, Romania)  
General (ret.) Professor Teodor FRUNZETI, PhD (Titu Maiorescu University, Bucharest, Romania)  
Lecturer Codrin-Dumitru MUNTEANU, PhD, (NDU)  
Colonel Sergiu PLOP (Military Academy of Armed Forces “Alexandru cel Bun”, Chișinău, Moldova)

Brigadier General Professor Eng. Ghiță BÂRSAN, PhD (Land Forces Academy “Nicolae Bălcescu”, Sibiu, Romania)  
Colonel Professor Gheorghe MINCULETE, PhD (NDU)  
Lieutenant-colonel Associate Professor Alexandru HERCIU, PhD (NDU)

## ORGANIZING COMMITTEE

### Chairmen

Brigadier General Professor Gheorghe CALOPĂREANU, PhD  
Colonel Professor Iulian MARTIN, PhD  
Colonel Professor Ioana ENACHE, PhD  
Colonel Professor Constantin POPESCU, PhD  
Colonel (AF) Associate Professor Marius ȘERBESZKI, PhD  
Colonel Professor Daniel GHIBA, PhD  
Lieutenant-colonel Associate Professor Alexandru HERCIU, PhD

### Members

Colonel Professor Daniel DUMITRU, PhD  
Colonel Professor Valentin DRAGOMIRESCU, PhD  
Colonel Professor Laurențiu GRIGORE, PHD  
COLONEL PROFESSOR ION PUŢICEI, PhD  
Colonel Professor Marilena-Miorica MOROȘAN, PhD  
Captain (Navy) Professor Florin NISTOR, PhD  
Colonel Associate Professor Cristian-Octavian STANCIU, PhD  
Colonel (AF) Associate Professor Eng. Laurențiu-Răducu POPESCU, PhD  
Colonel Associate Professor Octavian MIREA, PhD  
Colonel Associate Professor Ion ANDREI, PhD  
Colonel Lecturer Gheorghe LUCA, PhD  
Lieutenant-colonel Associate Professor Tudorel LEHACI, PhD  
Lieutenant-colonel Lecturer Daniel ROMAN, PhD  
Lieutenant-colonel Advanced Instructor Ștefan-Antonio DAN-ȘUTEU, PhD  
Lieutenant-colonel Advanced Instructor Pătru PÎRJOL, PhD  
Lieutenant-colonel Advanced Instructor Cătălin CHIRIAC, PhD Candidate  
Capitan-commander (Navy) Associate Professor Eng. Lucian SCIPANOV, PhD  
Capitan-commander (Navy) Advanced Instructor Eng. Ionuț CIORANU, PhD Candidate  
Lieutenant-colonel Advanced Instructor Alin-Dumitru PELMUȘ, PhD Candidate  
Lieutenant-colonel Superior Instructor Marius ISTRATE, PhD Candidate  
Major Advanced Instructor Cristian STANCU, PhD Candidate  
Major Advanced Instructor Petrișor PĂTRAȘCU, PhD Candidate  
Major Superior Instructor Răzvan ENACHE, PhD Candidate  
Major Superior Instructor Gelu ȚANU, PhD Candidate  
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Associate Professor Ana-Maria CHISEGA-NEGRILĂ, PhD  
Associate Professor Luiza-Anca KRAFT, PhD  
Associate Professor Dănuța-Mădălina SCIPANOV, PhD  
Lecturer Consuela Angela DRAGAN, PhD  
Lecturer Alin PETRACHE, PhD

## PANELS

### 1. THE EVOLUTIONARY TRENDS OF THE AIR FORCE'S AND NAVY'S MILITARY OPERATIONAL ART

*The military operational art and tactics of the Air Force and Navy – past, present and future trends*

*The air, space and maritime dimensions of the contemporary military operations*  
*Evolutionary perspectives of the Air Force's and Navy's tactics, techniques and procedures*

*New concepts regarding the planning and execution of Joint SEAD*

*The evolutionary trends of the air surveillance systems in the new international security paradigm*

*The use of Unmanned Vehicle Systems in the future air and maritime battlespace*

### 2. LEADERSHIP, EDUCATION AND TRAINING IN THE MILITARY

*The military leader*

*Present and perspectives of the leadership theories applicable to the Armed Forces*

*Prospects for the improvement of the military education and training system*

*The modern fighter's resilience – from evaluation to training and education*

*Modern ways for the improvement of the didactic methods and support materials for teaching military terminology (in the classroom and on-line)*

*Modern techniques and methods for testing and evaluating linguistic competency*

*Training for fighting*

*Modern therapeutically approaches of the post-traumatic stress disorder*

### 3. THE EVOLUTIONARY TRENDS OF THE LAND FORCES MILITARY OPERATIONAL ART

*The military operational art and tactics of the Land Forces – past, present and future trends*

*The physiognomy of the tactical level Land Forces' operations in the hybrid warfare context*

*Evolutionary tendencies of the role, missions and tactics of the Land Forces in the future battlespace*

*The inter-institutional co-operation for CBRN crisis management*

*Modern doctrinal and operational concepts regarding the employment of armoured, artillery, engineers and air defense forces in contemporary military operations*

### 4. TECHNOLOGIES – MILITARY APPLICATIONS, SIMULATION AND MODELLING

*Integrating software solutions for planning and assisting strategic- and operational-level exercises*

*IT systems and computerized method for assisting the decision-making process in the military operations*

*Modelling, simulation and conduct of military operations*

*Complex operational concepts regarding the conduct of military actions in cyber war*

*Concepts, applications & information technology for critical infrastructure protection*

### 5. LOGISTICS, FINANCIAL-ACCOUNTING MANAGEMENT AND DEFENSE RESOURCES MANAGEMENT IN THE CONTEXT OF THE INTERNATIONAL SECURITY

*The maintenance of the military equipment of the tactical-operational units during joint operations*

*The management of the logistics and marketing domains of the military operations*

*Logistics and financial-accounting management. Modern architectures of the accounting system*

*Perspectives of the improvement of logistics software*

*Internal auditing and corporate governance. Public finance and fiscalism*

*Current priorities regarding the administration of the patrimony in the national defense domain*

## PROGRAM

### Day I, April 11, 2019

08.00 - 08.50 – Registration of participants; Visiting of the Conference's Exhibition

09.00 - 09.40 – Opening Ceremony

09.40 - 09.50 – Photo Session

09.50 - 10.30 – Visiting of the Conference's Exhibition

10.30 - 12.00 – Working Panels

12.00 - 13.00 – Coffee Break

13.00 - 14.30 – Working Panels

14.30 - 15.30 – Visiting of the Conference's Exhibition

15.30 - 17.30 – Cocktail

### Day II, April 12, 2019

09.00 - 10.00 – Working Panels

10.00 - 10.30 – Break

10.30 - 12.00 – Working Panels, Conclusions and Closing Ceremony (on Panels)

## DEADLINES

- ✓ **31.01.2019** – Submission of participation form, title of paper and abstract;
- ✓ **08.02.2019** – Confirmation of abstract acceptance;
- ✓ **28.02.2019** – Submission of full paper;
- ✓ **11.03.2019** – Confirmation of paper acceptance;
- ✓ **18.03.2019** – Payment of fee and sending of scanned receipt;
- ✓ **05.04.2019** – Confirmation that papers will be published into the conference's proceedings.

## REGISTRATION FORM

Registration is made by simply filling in the registration form on the conference's website at: <https://www.strategii21.ro/index.php/ro/inregistrare>

## FEES

- Individuals, Romanian and foreign citizens – 250 RON
- Companies: 1200 RON
- The fee covers organizational costs, CD with all presented papers, and cocktail. For companies, the fee represents the costs for exhibition space and 2 papers in one of the conference's sections.
- The sponsor companies benefit of an exhibition space and 10 minutes for presentation of their business in one of the conference's sections.
- The payment is made: in RON, directly or by postal order at the Financial and Accounting Department of NDU, or by bank transfer to account: RO26 TREZ 7052 0F33 0500 XXXX, opened at the Treasury of 5th Sector Bucharest, Beneficiary: Universitatea Națională de Apărare „CAROL I”, CUI – 4267052.
- Specification (in Romanian): Taxă Conferință Strategii XXI–FCSM, First Name and Last Name of the participant.

## POINTS OF CONTACT

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## CORRESPONDENCE

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## PLEASE REMEMBER

- Registration is made by simply filling in the registration form on the conference's website. Abstracts will be sent once with the registration.
- Papers will be sent to: [strategii21fcsm@gmail.com](mailto:strategii21fcsm@gmail.com), in English, in accordance with the required format and established deadlines.
- An author may participate with a maximum of two papers, signed individually or by maximum two authors.
- The papers will be published into a printed and on CD volume having ISSN codes, and will be sent to prestigious academic libraries and uploaded to virtual libraries.
- The publishing of papers is subject to compliance with classified information regulations and payment of the fee.
- NDU provides the necessary equipment for multimedia presentations.
- Transportation, accommodation and meals will be paid by participants. NDU can provide meals at reasonable costs.

## EDITING

- Authors are kindly requested to comply with the editing rules presented on the conference's website: <https://www.strategii21.ro/index.php/en/instructions-for-authors>
- Authors are responsible for the content and format of their papers.
- Papers will be uploaded in ProQuest Central database.