

**REGIONAL DEPARTMENT  
OF DEFENSE RESOURCES MANAGEMENT STUDIES**



**THE 9<sup>th</sup> EXPLORATORY WORKSHOP  
"INFORMATION SECURITY MANAGEMENT -  
IN THE 21<sup>ST</sup> CENTURY"**



**ISSN: 2286 - 2765**

**ISSN-L: 2286 - 2765**

**COORDINATOR: Professor Habil Ph.D. eng. CEZAR VASILESCU**

**National Defense University "Carol I" Publishing House  
Bucharest 2016**

**THE 9<sup>th</sup> EXPLORATORY WORKHOP  
"INFORMATION SECURITY MANAGEMENT  
IN THE 21ST CENTURY"**

**WORKSHOP COMMITTEE:**

Professor Habil eng. CEZAR VASILESCU, Ph.D.  
Lecturer Brîndușa POPA, PhD.  
Lecturer Cristina ANTONOAIIE, PhD.

**SESSION CHAIRMEN:**

Professor Habil eng. CEZAR VASILESCU, Ph.D.  
Lecturer Brîndușa POPA, PhD.  
Lecturer Cristina ANTONOAIIE, PhD.

**THE 9<sup>th</sup> EXPLORATORY WORKHOP  
"INFORMATION SECURITY MANAGEMENT  
IN THE 21<sup>ST</sup> CENTURY"**

**07 June 2016**

Proceedings of the workshop unfolded during the

**Information Security Management Course**

Conducted by the  
Regional Department  
of Defense Resources Management Studies

23 May – 17 June 2016

***The content of the papers is in the entire responsibility of the author(s), and does not necessary reflecting the opinions of the Workshop Committee.***

Braşov  
ROMÂNIA

# CONTENTS

1. AN OVERVIEW UPON CYBER DEFENSE INTERNATIONAL LEGISLATION: CASE STUDY-USA - Enkhtuvshin BURNEBADAR (Mongolia)
2. TERROR IN CYBERSPACE - Dragoş Claudiu FULEA (Romania)
3. AN ANALYSIS OF SECURITY PROTOCOLS IN INFORMATION SYSTEMS - Claudia HLOPEANICOV (R. of Moldova)
4. INFORMATION SECURITY IN SOCIAL NETWORKS - Adrian IORDACHE (Romania)
5. THE ROLE OF CRYPTOGRAPHY IN ENSURING INFORMATION SECURITY - Toni JOVEVSKI (Macedonia\*)
6. THE IMPACT OF SOCIAL MEDIA IN MILITARY ENVIRONMENT - Lotfi MELLITI (Tunisia)
7. CYBER WARFARE - Avtandil MODEBADZE (Georgia)
8. CYBER SECURITY IN KUWAIT - YACOUB MUJAIBELL (Kuwait)
9. OFFENSIVE SECURITY: PENTESTING FOR IMPROVED SECURITY. AN APPROACH REGARDING COMPUTER NETWORKS - Liviu MUNTEANU (Romania)
10. APPLICATIONS OF BIOMETRICS IN SECURING CRITICAL INFORMATION INFRASTRUCTURES - Adil NASTAKALOV (Azerbaijan)
11. EVALUATION OF RISK ASSESSMENT APPROACHES IN INFORMATION SYSTEMS - M. Yassine RAISSOUNI (Morocco)
12. AN ANALYSIS ON THE RECENT INFORMATION SECURITY THREATS - Ahmed SEGHIRI (Algeria)
13. THE CHALLENGE OF CRITICAL WORKSTATIONS PROTECTION - Mohamed Amine ZAAG (Tunisia)

\* Turkey recognizes the Republic of Macedonia with its constitutional name.