

Dear readers,

You are about to read the second edition of the Science & Military journal that we have been publishing for you for eight years. As the editor-in-chief, I am especially glad that the journal is becoming popular with more and more readers and experts from foreign countries as well as from Slovakia. It proves that the quality and attractiveness of the journal is growing.

By editing the journal Science & Military, the Armed Forces Academy created a new platform of critical and creative thinking development of professional soldiers and professionals that complements the attributes of the Armed Forces Academy as the highest educational institution in the Ministry of Defense of the Slovak Republic.

This periodical is one of few opportunities that enables regular publishing of original academic articles focused on basic and applied research in the fields of national and international security, economy and management of defense and human sources, weaponry, technology, communication and information systems, military logistics as well as other fields which are directly or indirectly related to military science.

Dear readers, the second 2013 edition contains 10 new and undoubtedly interesting scientific articles submitted by researchers and experts from the research institutes, academies and universities in Slovakia as well as in foreign countries. I would like to point out at least some of these articles.

The author Piotr Malinowski presents an article titled „Leadership in the military organization: How to change the relationships in valuable intangible asset“. It summarizes different opinions on leadership in the last century and at present time and it also deals with application of contemporary perception of leadership in the military environment.

The authors Peter Spilý and Martin Nič present an article titled „Insurgency and Countersurgency“ in which they analyse the possibilities of NATO troops deployment to areas of conflict. They emphasize the necessity of the US and NATO doctrines' reaction to insurgent activities and analyse insurgents' skills and tactics as well as consequences of their behavior for the Slovak contingent

The authors Vasile Carutasu and Daniela Carutasu present an article titled „Designing a virtual platform for armored vehicles through the

LM using the IDEF0“ in which they present the IDEF0 method of iGrafx software.

The article written by Jan Furch and Josef Glos titled „Chosen aspects of military equipment maintenance under combat operations“ introduces a container workshop project of performing maintenance of the Czech Republic's land combat vehicles under field conditions. The article presents organization and technical conditions essential for implementation of the system of military equipment temporary repairs for military technical support's functioning.

The article written by Viktor Ferencey, Juraj Madarás and Martin Bugár titled „Modeling and application of the electric generator drive through a vehicle microturbine for military system“ describes the current situation in the field of electric generators use in military vehicles and systems. It describes real and conceptual applications of combustion microturbines for drive electric generators. The main part of the article is focused on the cooperation of the combustion microturbine and the electric generator for the military system, which is presented through an Unmanned Ground Vehicle.

The article written by Tomasz Smal and Kazimierz Kowalsky titled „Battle damage repair organization under combat operations“ presents a concept of a battle damage (expedient, temporary) repair organization under combat operation. The proposed concept was drawn up on the basis of allied and national regulations and the study of battle damage repair systems that exist in other NATO armies.

Dear readers, I believe that you will find this copy of the journal Science & Military both interesting and informative and on behalf of all the members of the editorial board I would like to thank you for your interest and support.

Col. (ret.) Assoc. Prof. Eng. Marcel HAKAL, PhD.
Chairman of the editorial board