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***New technologies and redesigning learning spaces***

**Book of Abstracts**

**eLearning and Software for Education Conference**

**Bucharest, April 11 – 12, 2019**

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Publisher:

"CAROL I" National Defence University Publishing House

Director: Gheorghe MINCULETE

Panduri Street, 68-72

Bucharest

Phone: +40213194880

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ISSN 2360 – 2198

ISSN-L 2360 – 2198

Further information on all eLearning and Software for Education – eLSE – events can be found at:

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**eLSE 2019**

**The 15<sup>th</sup> International Scientific Conference  
“eLearning and Software for Education”**

***New technologies and redesigning learning spaces***

**Book of Abstracts**

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## A Full Spectrum Lifelong e-Learning Project for the Army

10.12753/2066-026X-19-020

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**Abstract:** Nowadays a large organisation requires a solid and efficient system for managing the learning process of internal organisation in a lifelong learning perspective. The Italian Army decided to boost the lifelong learning concept for military personnel in a modern and digital way by using the e-learning environment. This decision was based on the long experience of the Education and Training Command and School of Applied Military Studies (COMFOR-SA) Virtual Learning Centre (VLC) and its cooperation with the University of Turin in the field of e-learning. This cooperation allows to adopt innovative teaching and learning methods and enhance the internationalization program of the Bachelor and Master Degree in Strategic Sciences attended by Officers and civilian students. In order to reach the entire potential target audience, composed of all categories, such as Officers, NCOs and Volunteers, and to maximise the use of e-learning for different didactic purposes, a full spectrum lifelong e-learning project was developed. Initially, the focus was based on the development of a special Hub composed of the Portal for Self-Paced Courses in combination with the Portal of Knowledge and the Support Portal. Then, the User's E-portfolio and the Language Portal were added. The Hub expanded its area of competence and additional portals were created. All e-learning resources and activities were properly reorganised and structured in a full spectrum new concept for a more effective e-learning experience for all military education and training purposes. The aim of this paper is to present and discuss the structure of the project in terms of contents, design and solutions adopted.

**Keywords:** Army; E-learning; Life Long Learning; Military Education; Military Training.

## ADREM: System Call Based Intrusion Detection Framework

10.12753/2066-026X-19-021

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**Abstract:** We are living in an era where computers govern the educational process. The market is flooded with puzzles, games, quizzes or other kinds of applications destined to help teachers explain different concepts and to enable students to practice their skills and test the knowledge. For all these systems, be them computers, server or embedded devices, the internet connection is the essential aspect. As a result, we have children and students working with devices that are exposed to the highest degree of security issues and threats. Attacks are continuously evolving, becoming more flexible, adaptable and hard to detect, and leaving children and students vulnerable to malicious software that can either collect sensitive information about them or expose them to inappropriate content. Because of this, it is only natural that security solutions became of significant importance for the tech educational industry. Computers, servers and embedded devices are exposed to the highest degree of security issues and threats since the internet became an essential need. Attacks are continuously evolving, becoming more

The publications consists of 154 pages.

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Supporting Organizations:



The 15<sup>th</sup> eLearning and Software for Education Conference - eLSE 2019 - organized by the Romanian Advanced Distributed Learning Association is hosted in Bucharest, April 11<sup>th</sup> - 12<sup>th</sup>, 2019.

The purpose of the annual international scientific conference on "eLearning and Software for Education" is to enable the academia, research and corporate entities to boost the potential of the technology enhanced learning environments, by providing a forum for exchange of ideas, research outcomes, business case and technical achievements.

The central theme of eLSE 2019 is **"New technologies and redesigning learning spaces"**

The conference proceedings volumes will be submitted for indexing to the following international databases:



ISSN 2360-2198  
ISSN-L 2360-2198



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