



## DIGITAL MATHEMATICS APPLIED IN DEFENCE AND SECURITY EDUCATION



PROJECT NO 2023-1-BG01-KA220-HED-000156664



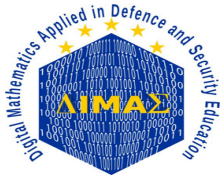
European Security  
and Defence College



Erasmus+



Larnaca, 2025



## DIGITAL MATHEMATICS APPLIED IN DEFENCE AND SECURITY EDUCATION

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### Applicant organization:



**“Vasil Levski” Military National University, Bulgaria**

### Partner organizations:



**P1 - Military Technical Academy “Ferdinand I”, Romania**



**P2 – University of Torino, Italy**



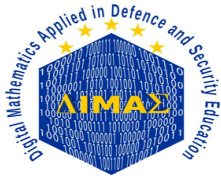
**P3 - Military University of Technology Warsaw, Poland**



**P4 - Hellenic Army Academy, Athens, Greece**



**Education and Training Command and School of Applied Military Studies (associate partner).**

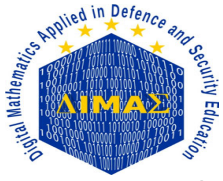


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- **Work package n°1** - *Project Management - ongoing*
- **Work package n°2** - *Mathematics-based Scenarios in Defence and Security Education - ongoing*
- **Work package n°3** - *Development of Didactic Interactive Materials Based on Mathematical Software*
- **Work package n°4** - *Pilot Courses for Mathematics-based Scenarios in Defence and Security Education*
- **Work package n°5** - *Dissemination and Exploitation of Open Educational Resources Based on Digital Mathematics.*



## Aims of Pilot Course for Mathematics-based Scenarios in Defence and Security Education:

1. Review and improvement of the developed didactic interactive materials.
2. Knowledge enhancement and skills improvement of teachers to teach from digital maths materials.



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# Aims of transnational project meeting:

3. Elaborate learning/teaching applied mathematics-based scenarios.
4. General Discussions for OLYMPIAD Organisation





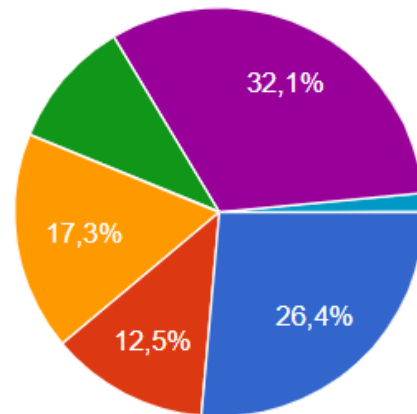
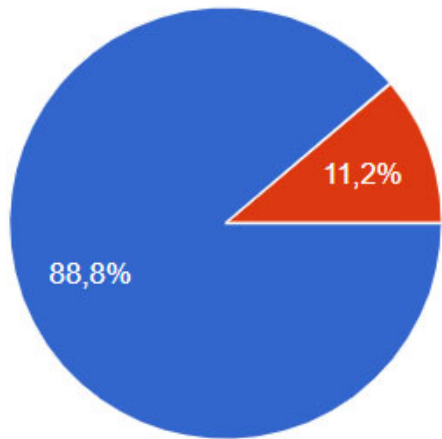
# SURVEY ON DIGITAL MATHEMATICS APPLIED IN DEFENCE AND SECURITY EDUCATION (DIMAS) FOR STUDENTS/TEACHERS

## THANK YOU FOR YOUR SUPPORT

1946 respondents:

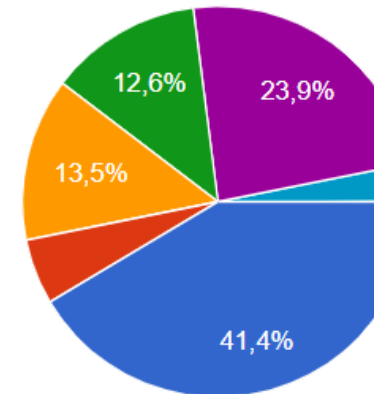
- 1728 students
- 218 teachers

### STUDENTS

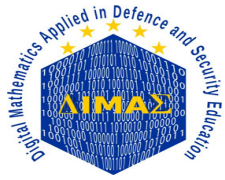


- Bulgaria. 456 students
- Greece. 216 students
- Italy. 299 students
- Poland. 176 students
- Romania. 555 students
- Other 26 student:

### TEACHERS



- Bulgaria. 92 teachers
- Greece. 12 teachers
- Italy. 30 teachers
- Poland. 28 teachers
- Romania. 53 teachers
- Other 7 teachers



# Way Ahead:



- **Work package n°3 - *Development of Didactic Interactive Materials Based on Mathematical Software***

## Survey of Available Digital Mathematics Tools

We will be very grateful if you share the link with students.

<https://forms.gle/WF4KpakxM7zMgcdh6>



- **Work package n°4 - *Pilot Courses for Mathematics-based Scenarios in Defence and Security Education***

***LTTA2 Course-specific digital Math applications – 1<sup>st</sup> Edition (5 days – PL MUT Warsaw: 19-23 May 2025)***