

SUMMER SCHOOL FOR FUTURE (STEM) LEADERS



HOTEL VILE OLIVA
PETROVAC, MONTENEGRO

15-20 of September 2023

WE'RE NOW ACCEPTING
APPLICANTS TILL APRIL 30TH!

Contact us at
school.stemleaders@ucg.ac.me

Or visit our website
<https://www.ucg.ac.me/pmf/stemleaders>



FPMOZ

Fakultet prirodoslovno-matematičkih
i odgojnih znanosti
Sveučilište u Mostaru



The central activity of the proposed project is Summer School for Future leaders in Mathematics and STEM Education. The students will get know more about educational and mathematical landscape in different countries and further possibilities for linking with academia and industry in the region. Also, they will improve their communication and professional skills necessary for their participation at the European projects and for addressing contemporary issues in teaching of mathematics to decision makers in WB countries.



Summer School will be held on the 15-20 of September in Petrovac, Montenegro, at Hotel Vile Oliva- all inclusive.

All lectures, workshops, round tables and other activities will be in English, so working knowledge of the language is assumed. Interested students should apply until April 30, 2023, by filling out the application form

[https://docs.google.com/forms/d/189U_-](https://docs.google.com/forms/d/189U_-lxxbz9-)

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The applicants should upload their curriculum vitae and the motivation letter in the form. The offered applicants will be provided full board accommodation, tuition fees and teaching materials.



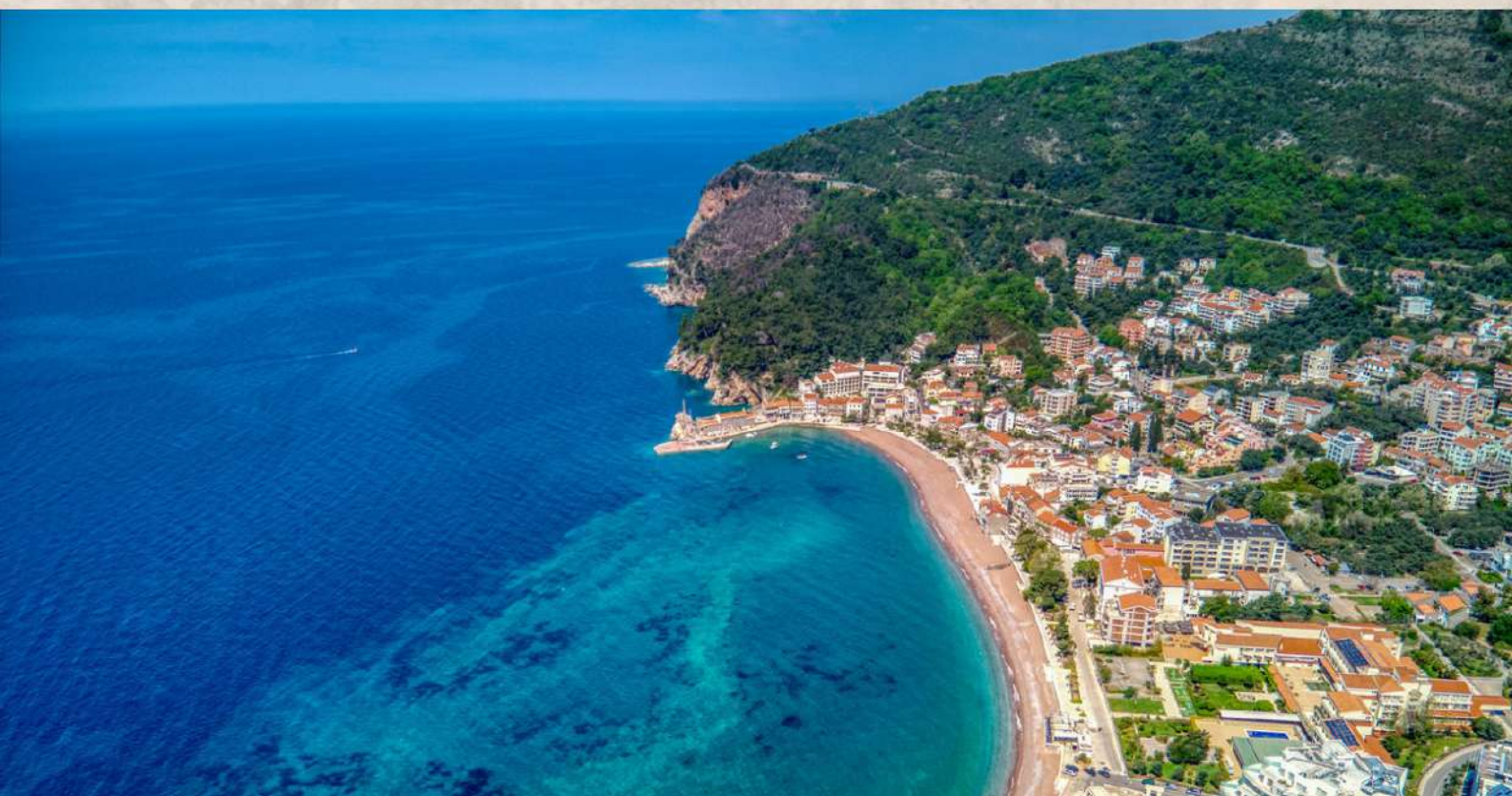
MAIN OBJECTIVES OF SUMMER SCHOOL

1. Building capacities and training of students and teachers for promotion of mathematics and communication of STEM subjects
2. Communication of advanced concepts in mathematics in interesting and interactive way
3. Exchange of good practices and joint collaboration of partner institution and mathematical communities of WB countries
4. Preparation of the next generation of STEM leaders in WB
5. Fostering friendly relations and joint project across the region
6. Raising awareness on gender balance in STEM in WB
7. Participation of partner institutions in other international funding calls, initiatives and consortia

WHO SHOULD ATTEND

Summer school is expected to host a maximum of 24 participants from various countries from Western Balkans. The target groups are students, teachers and young educators from the region interested in mathematics, education and science communication.

Summer school will enable additional education and training of future experts in the STEM fields. Students will benefit from the Summer School by expanding their mathematical knowledge, or by seeing familiar things from new perspectives or unexpected applications.



AGENDA

Time	8:30-9:00	9:00-10:30	10:30-11:00	11:00-12:30	12:30-14:00	14:00-15:30	19:00-21:00
15.09.2023.					Arrival and registration		Dinner
16.09.2023.	Opening	Session 1: Challenges and solutions in science festival organization	Coffe break	Session 2: AI, blockchain technologies and maths in STEM	Lunch	Session 3 : Achieving Gender Balance in STEM	Dinner
17.09.2023.		Session 4 : How to design a good math content for STEM?	Coffe break	Session 5 : Technical skills training for STEM	Lunch	Round table and discussion : STEM in WB and EU today and tomorrow	Dinner
18.09.2023.		Session 6 : STEM subjects in digitization of cultural heritage	Coffe break	Session 7 : Soft skills training for STEM	Lunch	Presentation of student's papers	Dinner
19.09.2023.		Session 8 : WB and EU initiatives in STEM	Coffe break	Session 9 : Mathematics in other STEM subjects	Lunch	Poster session- Let us network	Farewall dinner
20.09.2023.		Session 10 : Examples of good practices in STEM outside Europe	Coffe break	Session 11 : I am a future (STE)M leader	Lunch	Departure	