



UNIVERSITY OF ZAGREB  
FACULTY OF  
ELECTRICAL  
ENGINEERING  
AND COMPUTING

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Zagreb, 29<sup>th</sup> January 2018

**SUBJECT:** Invitation to participation in the international student competition in problem-solving exercises and sports entitled STEM Games

Dear Sir,

On behalf of the Faculty of Electrical Engineering and Computing, University of Zagreb, one of the organisers of the international student competition in problem-solving exercises and sports entitled STEM Games, I am writing to invite you - your students, assistants and professors - to participate in the competition.

STEM Games is a joint initiative of students studying at eleven higher education institutions, namely:

- Faculty of Electrical Engineering and Computing, University of Zagreb;
- Faculty of Electrical Engineering, Computer Science and Information Technology Osijek, Josip Juraj Strossmayer University of Osijek;
- Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture, University of Split;
- Faculty of Organization and Informatics, University of Zagreb;
- Faculty of Mechanical Engineering and Naval Architecture, University of Zagreb;
- Faculty of Science, University of Split;
- Faculty of Science, University of Zagreb;
- Faculty of Engineering, University of Rijeka;
- Mechanical Engineering Faculty, Josip Juraj Strossmayer University of Osijek;
- Department of Mathematics, Department of Physics, Department of Informatics, Department of Biotechnology, University of Rijeka;
- Zagreb University of Applied Sciences.

The competition will provide participants with the opportunity to compete in problem-solving exercises and sporting events as well as share experience and meet peers. The competition will take place from 8<sup>th</sup> May until 13<sup>th</sup> May 2018 in Poreč, Croatia where almost a thousand best European students will compete. The project aims to foster interdisciplinarity, exchanging knowledge with problem-solving exercises as well as promoting university sport and a healthy lifestyle.

Students can participate in problem-solving exercises and sporting events. The sporting part of the competition consists of nine sporting events. Competing in problem-solving exercises is an innovative concept which includes solving project assignments in four areas, namely *Science Arena*, *Technology Arena*, *Engineering Arena* and *Mathematics Arena*. To illustrate, instead of solving complex exercises demonstrating solely their knowledge, students will apply their engineering and critical thinking skills, work in teams and successfully present real problem solutions to win the competition. After the entire day of competing in various disciplines, students will relax and socialise participating in quizzes, beach parties, music, board and computer games.

The energy the students devoted to organising the competition and their enthusiasm point to this event being one of a kind highly organised event for meeting peers and connecting higher education institutions. Therefore, I would like to use this opportunity to invite you to participate in the competition and support your students in this year's STEM Games.

If wanting to participate in the competition, the student representative should contact Saša Tepić, the Head of the Organising Committee, via email [sasa.tepic@stemgames.hr](mailto:sasa.tepic@stemgames.hr) and provide the following information:

- name, surname, contact number and email of your institution representative and vice-representative (it is most efficiently if an institution representative is a student representative or a head of a student organisation responsible for competitions);
- letter of motivation with a description of participation interest;
- estimated number of participants for each of the categories in problem-solving exercises and sporting events (for more information, visit the STEM Games official website <https://stemgames.hr/en/event/>).

We are looking forward to receiving your applications and seeing you in Poreč.

Best regards,

Dean of the Faculty of Electrical  
Engineering and Computing,  
University of Zagreb



Professor Mislav Grgić, Ph.D.