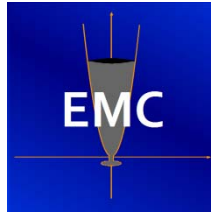




3rd European Mathematical Cup December 6 - 14 2014



UNION OF MATHEMATICIANS OF
MACEDONIA



Rules

1. General

The European Mathematical Cup (EMC) is held every year in the late November or early December in the cities all over the Europe. The purpose of the EMC is to prepare European high school students for other international competitions and to give them a chance to solve a few hopefully nice problems.

The EMC is free and open to all high school students from Europe.

2. Participation

The European Mathematical Cup is organized by the Young Gifted Mathematicians “Marin Getaldić”, Zagreb, and by the help of local organizers who are responsible for competition and its regulations in their city. Their tasks are described in clause 3.

Number of contestants from one city is not limited. All the contestants can participate in the EMC if they are allowed to participate to the next year’s IMO.

The EMC is divided in two categories: Junior and Senior.

- Student can participate in the Junior category if he/she is less than 17 years old on the day of contest, and he hasn’t yet participated on the IMO.
- Student can participate in the Senior category if he/she is allowed to participate to the EMC, no matter if he/she can participate in Juniors.
- Local organisers may set additional requirements for student to participate in the Junior category in agreement with the Jury

3. Local organizers

Local organizers are people or organisations responsible for organizing the EMC in their own city. (In particular, local organizers are usually university students or math teachers).

We are usually asking them to do:

- Before the contest they should inform all the potential contestants about the competition and its regulations. Also, they should choose where and when the contest will be held and make all the necessary arrangements.
- To organize the contest, i.e. in the place and time they chose (in particular, a classroom in a school or in a faculty) they give problem sheets to contestants (translated to their language if necessary). We ask of them to make sure that contestants follow the rules.
- After the contest they should collect contestants' solutions, scan (the legible photographic image is perfectly fine) and send them us so that the jury could coordinate them. We ask them to attach (not necessary detailed) translation of contestants' solutions if in their opinion the Jury might have problems understanding the solution due to language diversity.
- We would be grateful if they could everything above before the deadlines. The deadlines will be published on the official EMC website and it will be sent by email to the local organizers.

Additionally, we invite local organizers to help us with:

- Proposing problems: The idea of the EMC is that all the problems are original (not already seen on the Internet or on some other competition). So we invite all the local organizers to send us their own problems. If their problem won't appear on the contest, it won't be published anywhere else. Also, it is allowed to send problem which aren't their own, but it is required to inform us who is the author and whether it has appeared on some other competition.
- Coordinating solutions: Local organizers can send their commentary on the contestants' solutions in addition to translation. Or if they wish, they can mark the contestants' solutions themselves. This way students may get their unofficial scores sooner.

4. Contest regulations

(Contest regulations are very similar to the IMO contest regulations.)

Each contestant may receive the problems in one or two languages subject to the local organisers.

Each contestant must work independently and submit solutions in his/her own language or in English (depending on the local organisers). We ask contestants to write on only one side of each blank paper, and not to write solutions of different problems on the same sheet. On each paper they should write name, surname, city, category, number of the problem and page number.

The only instruments permitted in the contest will be writing and drawing instruments, such as rulers and compasses. In particular, books, papers, tables, calculators, protractors, computers and communication devices are not to be allowed.

The local organizers should do their utmost to ensure that no contestant has any information, direct or indirect, about any proposed problem. They must also ensure that all contest problems and solutions are kept strictly confidential until after the entire contest has finished.

The total number of certificates (first, second and third) will not exceed half the total number of contestants in each category. The numbers of first, second and third prizes will be approximately in the ratio 1:2:3. Also, the best three contestants in each category will receive a gold, silver or bronze medal.

5. Coordination and results

After the contest, the jury (consisted of the members of the Young Gifted Mathematicians “Marin Getaldić”) is supposed to receive contestants’ scanned solutions.

For each problem, each contestant will receive an integer score out of a maximum of ten points.

At most two weeks days after all the contests, local organizers will receive preliminary results. When the preliminary results of the competition are announced, a contestant can raise an objection at most a week after receiving results. The Jury will reconsider the contestant’s solution and contact the local organiser or the contestant fo further clarification if necessary..

When the procedure of raising objections and reconsiderations of the solutions is finished, the preliminary results become the final results of the competition. They will be published on the official site of the EMC and sent to local organizers at most two weeks after receiving preliminary results.