

STUDENTS:

Ioana Ioanas – 11 H

Manea Ioana – 10 E

Banuta Mihai Alexandru – 9 C

TEACHERS:

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The third day of the 7th edition of the “Romanian Master of Physics”, a contest hosted by Tudor Vianu National College of Computer Science, began as a rainy day. It was a day defined by emotions, fear, nervousness and stress. But as the sun started shining again, the contestants showed a smile of positivism towards the exam.

After having had breakfast, the contestants entered the last round, the experimental one. When the round ended, the participants could finally relax and share their experience with the other competitors and with their leaders.

Although they were monopolized by the problems and the experiments they had solved, we managed to steal a little bit from their time and took them some interviews. Enjoy!

THE SWEDISH TEAM (ADAM WARNERBRING, OLIVER LINDSTROM, ARVID STEEN)

Ioana I: How did you find out about the RMPH contest?

Adam: 8 months ago took place a qualification competition for another competition called IPHO (international physics competition) and we all performed well in that competition so when Sweden got invited, one of our leaders sent us an email inviting us and we responded fast because it was a really short notice and this is the reason why we are here.

Ioana I: Do you remember your first physics contest? Can you please tell me more about it?

Adam: Yes, my first competition was IPHO, in 2016. I remember that I did pretty well compared to the other contestants and I got recognition for my result.

Ioana I: How were the problems today?

Oliver: They were hard experimental problems. I don't like making experiments, but overall I guess that I enjoyed them.

Ioana I: How would you instill the passion for physics for those who haven't discovered its beauty yet?

Oliver: This is a good question. I am of the opinion that competitions like these should be very inspiring. They represent more than physics. You can see the practical side of the problems. Physics is everywhere, so I would try to explain to them some simple phenomena and make them understand the physics part behind them.

Ioana I: What is your opinion of Bucharest? What place did you like the most?

Arvid: The best part about this city is the people. They are really kind and open minded, always there for help. I loved the Athenaeum and the old architecture of Bucharest.

Ioana I: Which do you believe is the key to success?

Arvid: I am on the opinion that you need to love what you are doing and then, of course you must do a lot of training and solve as many problems as possible and never forget to ask yourself questions about everything.

Ioana I: How long have you been studying for in order to reach such a high level?

Adam, Oliver, Arvid: Maybe we can say it took many years to achieve this high level. But actually it's hard to count up like this, because we haven't studied physics only for participating in physics Olympiads. We have mostly studied physics out of pure passion and we want to get to know better the world we live in.



IAROSLAV POZDNIAK (RUSSIA)

MIHAI: Did you enjoy your stay in Bucharest? What place did you like the most?

YAROSLOV: Yes, I did, we visited the Old Town yesterday and it was an amazing combination of old and new buildings.

MIHAI: Would you like to participate again next year?

YAROSLOV: No, because I will be studying at the university and with the RMPH contest I will not be able to focus on that.

MIHAI: Do you feel like you work better alone or in a team?

YAROSLOV: I prefer working alone; actually, I only had one Olympiad where I worked with a team. Usually physics Olympiads are for individual work.

MIHAI: Who/what motivated you to get to the top?

YAROSLOV: No one actually, it is just interesting. Physics is interesting because it is a science about the world we live in.

MIHAI: What is your greatest achievement so far?

YAROSLOV: I have prizes from the Russian physics Olympiad, a golden medal at the International Junior Science Olympiad and I am a candidate in the Russian IPHO team and I'm sixth in this top.



IGOR MEDVEDEV (SERBIA):

Ioana M: Do you know any physics jokes? If you do, can you tell me one of them?

Igor: Yes, actually I know one: Heisenberg, Schrodinger and Ohm are all in a car and Heisenberg is driving. A cop stops them and he asks "Do you know how fast you are going?" Heisenberg says: "No, but I know where I am". Then the cop opens the trunk of the car and he finds a dead cat, so he asks them: "Do you know that you have a dead cat in your trunk?", then Schrodinger goes: "Well, now we do." When the cop understands that they are a bit crazy, he tries to arrest them but Ohm resists.

Ioana M: How much of your free time do you dedicate to physics?

Igor: I would say about four hours a week.

Ioana M: What other subjects do you enjoy apart from physics?

Igor: I love mathematics the most.

Ioana M: How would you describe your experience this year at RMPH?

Igor: Well, it's nice. You get to meet a lot of people, you get to solve interesting problems, although it can be a little frustrating at moments, but after all it is a contest and it's nice that we have a lot of free time to visit Bucharest.

