







Dear participants, project/swapshop leaders and lecturers,

You are holding the last instalment of our Newsletter in your hands. Read about people you will be spending time with, eating, drinking, working and having fun!

Have a safe trip to Pozega and see you all very soon!

We are indeed very excited! :-)

Jelena & Matilda



IN THIS ISSUE MEET:



PARTICIPANTS

Antonija Bukovac, Croatia

Erna Tintor, Croatia

Błażej Rozwoda, Poland

Mireia Colom, Spain

Ivana Jovanović, Serbia

Márton Sebestény, Hungary

Stjepan Gotovac, Croatia



PROJECT LEADERS

Davor Zaluški, University of Zagreb, Croatia

Boris Okorn, University of Zagreb and Ruđer Bošković Institute, Croatia

Keoma Brun-Laguna, INRIA Paris, France



LECTURERS

Neven Soić, Ruđer Bošković Institute, Croatia



ANTONIJA

Hello everyone !

Firstly, some general info- My name is Antonia Bukovac, I've just turned 18 (still getting used to that fact) and I was born in New Zealand. I've been living in Croatia the second half of my life, along with the cats we flew in with us. I've loved animals my whole life, which is one of the reasons I love biology. The main reason is that I love knowing how things work. All my life, finally understanding how something functions has gotten me really excited and I have been chasing that thrill all my life. For those reasons, medicine (understanding my body) and physics (understanding the laws of the universe) have been my primary interests. I've done research on a topic that combined the two- a study on artificial muscles. In the future, I would love to study medicine.

In my free time, I really like to read- right now

i'm reading „Lust for life“ by Irving Stone, a biography of Van Gogh who is one of my favourite artists. I also love running around with my dog since I live in a nice village close to Zagreb surrounded by forests.

Another one of my biggest passions is travelling, and I would like to see as much of our world as possible.

After having only great memories from previous summer schools, I can't wait to see what this year holds and to meet all of you.



ERNA

Hi, my name is Erna. I live in Zagreb, the capital of Croatia and I finished my third year of high school.

Recently, I realized that, in school, I don't get the opportunity to learn as much as I would want about the things I am interested in, so I started reading more science articles, watching online lectures and searching for scientific books to read. My wish to gain more knowledge made me look for something educational to do during the

summer. That's why I'll be there, in Požega with all of you! :)

My main interests in science are Math and Physics, but I also enjoy learning about human body and astronomy. This year I visited our two famous observatories in Rijeka and Višnjičan. When I'm not messing around with science, you'll find me in sports, which are a major part of my life. I played tennis for 6 years, but I also love playing basketball, football, volleyball and I snowboard and skate, too. If I don't feel like moving, I paint, read and listen to all kinds of music. I also like traveling, because I get to see many beautiful places, learn about other cultures and meet some great people. I can't wait to meet you all and I'm sure that we'll do some great work together! :)



BŁAŻEJ



Hello. My name is Błażej. I come from Poland and I currently live in Cracov, former royal city. In following lines of text I will try to enclose brief piece of information about myself.

Before everything else, I like logic and order. Chasing after them is my favourite activity. It doesn't necessarily means changing something in real world, rather gaining perspective from which desired object would be shining. One possible way to do so is usage of sources provided by another people. Therefore I like listening to classical music and reading books.

My passions cover wide spectrum of activities, therefore I cannot name myself a specialist of none of them. Regarding school subjects, the most valuable for me are mathematics, physics, computer science.

I adore thinking about problems and possible solutions for them. I perceive process of learning as gaining the ability for realizing

ideas. Following that trail, there appeared interest in technologies – understood mostly by programming and fondness of machines. I especially like planes and rockets admiring abilities of their constructors. I strive for more advanced world where is no need to simplify complicated plans in order to obtain functionality.

I also like taking photos using analog camera and going for long walks to explore my surroundings. Moreover I like sketching - rather making clumsy illustrations of thoughts than copying reality. Basic astronomy also lies in my field of interests.



MIREIA



Hi! My name is Mireia and live in Viladecans, a small city near Barcelona, in Spain. I'm 18 years old, and I've always studied in my town, although next year I'll be starting University in Barcelona, where I'll be doing medicine.

I'm really into science, mostly biology and chemistry, although I also love reading, listening to music

and cooking, which is one of my favorite hobbies. I started cooking when I was a kid with

my sister, and since then we've been always learning together. I also love traveling around the world, in fact this image is from my last trip to Munich, Germany, where I have been doing an internship in a lab.

I also like learning languages, and by the time I can speak Spanish, Catalan, English, German, and a little bit of French. This is why some years ago I started doing theatre in German, which was super funny and strange for me. Unfortunately, I had to stop this year due to the lack of time, because apart from that I also help kids with their studies and give private lessons during the year.

I hope to meet you all and have fun together!

See you soon,
Mireia



IVANA

Hi there, I'm Ivana Jovanović and I'll try to give you a brief insight in my life :)

I come from Belgrade, Serbia where I just finished four years of gymnasium. I was accepted in Biochemistry programme in Belgrade University, Chemistry faculty and I'm very excited to attend the lectures there. In past few years I've become very interested in biology, chemistry and life science in general.

The most contact that I've had with science is in Petnica Science Center near Valjevo in Serbia. The experience is amazing, combining different fields of science in one place giving opportunities to make friends and intellectually evolve while having fun.



On the other side, in my free time I mostly go to dance lessons, for past four or five years. I've tried swimming, tennis, karate and aikido but dance is by far the most liberating. I also enjoy taking long walks, especially at night, and reading fantasy books.

I can't wait to meet people from around the world in Požega this year.



MÁRTON

Hello everybody!
My name is Márton Sebestény. I live in Szeged, Hungary and here I attend the Radnoti Miklos Experimental Grammar School.

As you can guess, I am keen on science. Ever since I know Physics, I admire it. :) I've always enjoyed thinking through problems and knowing the physical explanation of happenings. Maybe that's the main reason of my interests. After finishing my current studies, I am planning to go to a university

abroad and work later as an engineer or a scientist. Besides that, my dream is to travel around the world and get to know as many countries and cultures as possible.

I spend my free time on doing a wide variety of activities. I love cycling, training, being with my friends, listening to music, reading 9gag. Besides, I'm a bit addicted to series and movies, like Game of Thrones, Vikings and Sherlock. I find it entertaining to watch and play almost all kinds of sports, for example football, basketball and volleyball. And of course currently I am interested in the European Soccer Championship. Another important thing to me is my stomach. I enjoy trying new foods and different types of coffee.

See you soon! :)





STJEPAN

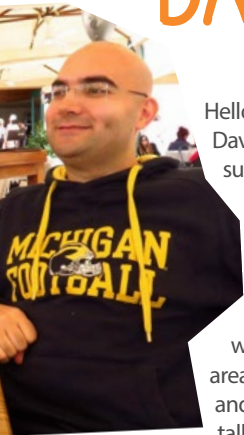
Hello my name is Stjepan.

I am from Croatia, , Požega. I am 18 years old and I am currently attending Gimnazija Požega.

For quite some time I had a big interest in physics and electronics. I didn't yet decide what I will study in college, but it will be physics or electronics. Recently I started developing love for photoshopping and video editing and I intend to pursue this in the days to come. I am a big lover of comics, music (guitars mostly) and sci fi book and novels. My favourite kind of movies are superhero movies and old blockbusters like Pulp fiction. I also enjoy playing video games and I think that the best games are those with a good and deep story. I follow most of world news and other cool stuff on Reddit.

I see myself in the future either as a content creator or an engineer. I would also like to live in a Scandinavian country. I believe that everything can be achieved if you work hard enough for it, if you don't try then you can't expect to get everything you want. To quote Yoda, "Do or do not. There is no try."

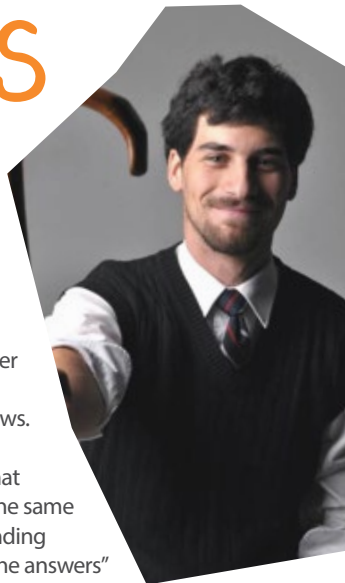
DAVOR



Hello young people! I'm doctor Davor Zaluški. I know I was supposed to say PhD but I like it when it sounds like doctor House. I graduated from University of Zagreb, Faculty of Electrical Engineering and Computing where I currently work as a postdoc. My research areas were electromagnetics and metamaterials. I don't like talking about myself, but people say that I am a wise, bitter, old

hater, and misanthrope. And they're right. I'll be leading a project with Boris Okorn, a perspective PhD student at University of Zagreb, Faculty of Electrical Engineering and Computing, who is currently working at the Ruđer Bošković Institute as a research assistant. Fortunately for you, we are not alike, as he is a cheerful, friendly and an unfocused procrastinator.

BORIS



Hello folks! My name is Boris Okorn! Good thing that Davor presented me, because I was sitting in a coffee shop for hours, trying to answer questions about my interests, virtues & flaws. And I still don't have answers. Although that may be bad for me, the same principle of "never-ending questions that seek the answers" is a fun part of science. Speaking of science – trust no one, question everything – critical thinking is the only way in science!

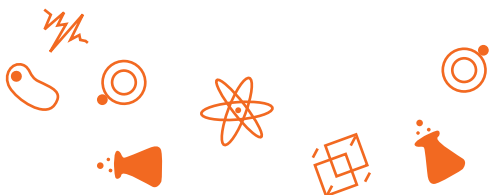
Nevertheless, enough about us.

The question is; why are you, young smart high school kids, here at the Summer School of Science? Well, you are here to learn more about STEM (Science, Technology, Engineering, Mathematics). Expertise in these areas is essential in today's world. And it will be even more important, not to say - crucial, as progress in technology is sky-rocketing (pun intended!). So, we rely on you to invent even better bionic hips, self-driving cars, cleaner energy sources and even more fun toys for our grandchildren. We are sure that YOU CAN DO IT! Also, is there a more fun way to spend the summer vacations?

And why are the two of us here? Well, first of all, we're humbled to be here, as your educators/guides/project leaders. We're here to have fun, catch some rare Pokemons, learn more and try something new.

The venue of our project will be in the basement of this building. Why? So that you, youngsters, can focus on the project instead of on catching Pokemons.

See you there,
Davor and Boris





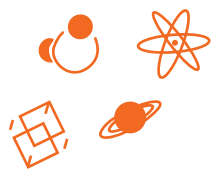
KEOMA

Hi ! I'm a French dude that grew up in the south-west country side of France (were they make wine).

I first started playing computers games with a bunch of friends and and got interested by the wonderful world of computers when my parents got Internet. I am now working in computers science in the field of wireless sensors network and I really enjoy it.

Apart from that I like climbing, building/repairing stuff, playing percussions and traveling. I recently got into the world of plants and I want to use the sensor networks to solve some of the current issues in agriculture.

I hope to share my enthusiasm with the people in the Sumer School and that we are all going to learn many things !



NEVEN SOIĆ

Neven Soić is a Senior Scientist at the Ruđer Bošković Institute doing research in experimental nuclear physics. Main topics of his research are structure of light nuclei, mechanism of nuclear reactions with light nuclei and properties of nuclear reactions involved in explosive stellar phenomena. He graduated physics in 1991., obtained MSc in 1994. and PhD in 1999. at University of Zagreb. He is employed at the RBI from May 1991., but he also worked at University of Birmingham UK for 2 years, at Paul Scherrer Institute Switzerland for 8 months and he spent 9 months at Laboratory Nazionali del Sud INFN Catania Italy. He participated in 69 experiments performed in international collaborations at the RBI accelerator center and 9 international accelerator laboratories in Italy, Belgium, France, Australia, USA and Canada. He was spokesperson (principal researcher) of 10 of these experiments performed in Italy, France, Australia and Canada. He was involved in teaching at University of Zagreb and in a number of science promotion events.

