



Dear all,

less than 2 weeks before we begin our science adventure!
Hope you are as excited as I am!

Here are a couple of pictures of our host town, Pozega. Did you know that in 1960s for the very first time in the world a chocolate with rice was produced in a chocolate factory in Pozega? Very cool!

May the science be with you ;),

Antonija






IN THIS ISSUE MEET:



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Idea Nehir Ozliman, Antalya Yusuf Ziya Oner Science High School, Turkey
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Ernest Mestrovic, Pliva, Croatia



TECHNICAL ASSISTANT

Antun Tonko Jakobovic, Grammar School Pozega, Croatia





ANA



Hello everyone :) My name is Ana Roibu and I was born in Bucharest, Romania about 17 years ago where I lived until moving to the exquisite city of Munich, Germany. Here, I attend an International School, which enables me to meet and learn from people from every corner of the world, making every day a new learning experience.

Due to my strong interest in human biology, especially the brain, I am planning to study a double major in Neuroscience and Psychology and hopefully pursue a career in the medical field. For anyone interested or eager to find out more, I strongly recommend the following link http://www.sciencedaily.com/news/mind_brain/neuroscience/.

As part of my International Baccalaureate, I will be conducting a piece of scientific research,

with my research question being "The antibacterial effects of polyphenols from white tea on the bacteria *Escherichia coli* (E. coli)". This will be my very first piece of individual scientific research, the first of many more to come.

Apart from science, I enjoy debating which is why I have been taking part in the Model United Nations conferences for the past four years. Sports also have been a big part of my life, being part of both a swim team and volleyball team.

I am really looking forward to meeting everyone in Croatia soon, and really excited for the experiences awaiting!



MARTINA



Hello, my name is Martina.

I live in small town on Neretva River, Metković. (Yes, we do have a lot of mandarin oranges, to bad it's not autumn). I've just finished third grade of High school and can't wait for summer. I love science since

I was a little girl and it's my primary choice for further career. My first love was ecology, and deep inside I am a big nature lover. I do karate for almost 10 years and I should get black belt in few months. I also worked on local radio station for 5 years as editor of teen show. (I started working very early :D). When I find a couple minutes of free time, I like to do

nail art, read fantasy books and make up funny birthday presents for my friends as frozen money or treasure hunt. When I have a lot of free time, which is very rare, I use it to watch videos like this: <http://www.youtube.com/watch?v=1a8pI65emDE>.

I've recently been a school spirit, gipsy, boy, crying widow, mother goat, all of that thanks to acting in local and school theatre. The photo is from charity concert which took place in Metković a two weeks ago (all collected money is for Slavonia), where I was hostess. Personally, I think being creative and taking part in many various projects is very important for young scientist. It helps him/her to understand the world and give some new perspective to their work. I am so glad that I got the chance of being a part of this excellent project and can't wait to see you all in person.



PAVEL

Hello, my name is Paweł and I will try to introduce myself. I come from Poland and live in a beautiful town called Milanówek known for its beautiful silk products and the best cream fudges in whole Poland.

My scientific interests revolve around maths, biology and chemistry, but from all above, I favourite would be mathematics. It's logical, it can truly surprise (like usage of imaginary numbers in "real" maths) and this is the reason why most people write to me on Facebook.

One of my hobbies is cooking, especially preparing sweets. I bake many different kinds of cakes, prepare from time to time to time truffles (the ones from chocolate) and even create my own ice-cream. Thanks to that abilities I am really liked among my colleagues. You know

what they say:
The way to man's
(and also woman's)
heart is through their
stomach.

My other hobbies are politics (especially Polish ones) and films. To keep myself well-informed I regularly watch news on the Internet. I love to watch Polish politicians constantly squabble. It is much more entertaining and funny than watching tv! I am also really keen on watching movies, the good ones and the truly horrible ones. The first ones provide basis for further reflection (like recently Oscar-awarded "Her" about love to the os), while the second ones are the best to watch with friends and to have a really nice time (like the in-famous "Sharknado").



IDEA

Hi everyone !

I am Idea N. Ozlman from Turkey. This year will be my last year for high school. If we talk about my hobbies, I can say dance, music and explore (Of course science too). I think Aerosmith and Deep Purple are the best band in the world.

They are music god. I can listen them without bored for hours. When I have my headphone, I forget the all world and time and live my own world and start dance, sing and dream. Anyway I play piano and love it so much. Dance, Friends and Travelling are essential part of my life. And art

is vital too. I can paint everything canvas, walls (I painted a big wall in my school recently.) and even if shoes. I create something in my free time like innovation or artwork. Last about myself is I am a big fan of Doctor Who!

I see myself like a successful scientist in future. Just give me lab and leave me alone :D. I want to discover everything and find the part of life mystery. My idols are Marie Curie, Stephen Hawking and Picasso. (Last one is little different from others but I admire his imagination and I think science is all about imagination.) I always follow Stephen Hawking articles and documanteries. I always follow the science websites and popular science from twitter.

There're lots of things to talk about myself and learn something about you. I am counting the days for camp. See you! Loves from Turkey.





TIN

Hi there, my name is Tin Kocijan!

First of all, I will start with the coolest recently discovered video about science which left me thinking a lot. I hope it will affect you the same way as it did me.

I find biology and chemistry as the most amazing fields of science. I love to learn new things about molecules and interactions between them. Furthermore, I think that genetics and evolution are the coolest things ever! Also, I enjoy the fact that science is everywhere and everything around us and that even emotions can be explained on the chemical level. It is magnificent how science has the ability to reveal the crude truth about things, but not to destroy the beauty that lies

within it, but rather, amplify it.

In my free time I like to read scientific books (my favourite is Richard Dawkins' *The Selfish Gene*). In addition, Richard Dawkins is, along with Charles Darwin, my role-model scientist. When I'm not reading books, I like to go to mountains or ride a bicycle. I feel very attracted to mountain living and is my dream to live in the mountains.

For the end, listen to my favourite song. This song came to me in my dream in which I realized that if you decide to help to nature, its beauty will be revealed to you in return.



JOVAN

Hello everybody, I am Jovan. Currently I am attending the third grade on science course in general high school in Čačak, Serbia.

So, what can I say about myself? Well, I've been showing an interest in science since my earliest age, and have always been searching for a way to explore the world around me. The best way of exploration and informal education I've found so far has been the Petnica Science Center.

time I applied for Petnica's programs was back in 2012 and since then Petnica has become a huge part of my life. I strongly recommend applying to Petnica's programs to anyone who is keen on science. For any further information you can visit Petnica's official web page (http://www.petnica.rs/index.php?option=com_content&view=article&id=27&Itemid=41). I mainly enjoy biology, chemistry and other related science.

Besides science, I like many other things. I've been doing karate for almost 12 years now and I used to train tennis and basketball for some time in the past. Currently I am taking dance classes although I am not especially successful, yet. I also enjoy traveling and exploring new places.

Looking forward to seeing you all soon in Požega!





VERONIKA



Hello, my name is
Veronika and I am a fifth
year student of physics at the

University of Zagreb.

I started enjoying physics in high school while preparing for the International Young Physicist Tournament, and I still have fun with it every day (well, maybe not every day, but often enough). In my free time I have fun in other ways. I present you a short list of my favorite things to do...:

...every day: reading in the evening. Cloud Atlas at the moment, but Harry Potter and Pride and Prejudice are everlasting favorites. Also, I love crime novels, so I'm eagerly waiting for the

new Robert Galbraith novel.

...every week: cooking and baking. Last success story is a peanut cake, and a strawberry cheesecake. Also, Indian chicken with raisins...

... once a month: hiking. Last month we went to Bjelolasica. My favorite trip was to Northern Velebit National park, which is a place you should all visit!

... once a year: Traveling abroad. Last summer I visited Barcelona, which is probably my favorite city so far. I am currently making plans to visit Scotland...

But this is just a short introduction, we will all get to know each other soon! I am looking forward to meeting you all.

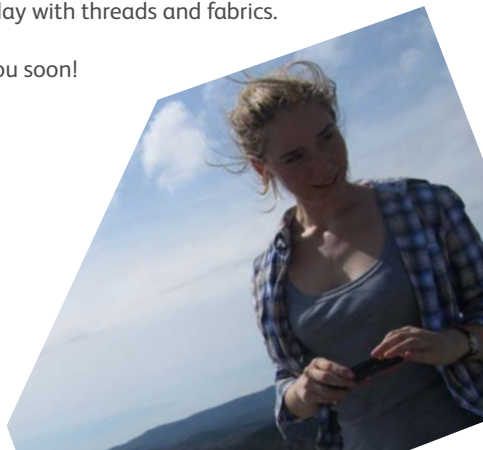
MARIJA

Hi! My name is Marija (pronounced Maria) and I am a fifth year Physics student, meaning that by the time we meet I'll be about a month away from graduating, and probably stressed out about it. That is not unusual, since I am often agitated about various topics, including but not limited to: strongly correlated electrons, neo-liberal capitalism, environmental issues and the latest fashion trends.

When relaxing, I like to read (The News—a users manual by Alain de Botton at the moment)

and play with threads and fabrics.

See you soon!





IVO

absolute favourites on TED is “Every Kid Needs a Champion”, because it is incredibly warm, engaging and optimistic :) (http://www.ted.com/talks/rita_pierson_every_kid_needs_a_champion).

Currently, I am working on a startup I co-founded this fall (www.skillset.me), which actually aims to make it much easier for anyone to discover, organize and learn more from millions of great videos which already exist online. This is where I play with Legos, but also marvel on the similarity of legos and programming, which I both adore. :)

In October I will be starting my PhD at the Computer Science Department at Oxford University, where I will be focusing on crowdsourcing in security.

Having actually been on the founding team of a similar mathematics camp several years ago, but never attending S³, I am really, really looking forward to meeting you all this summer! :)

Hi, my name is Ivo and I will be teaching a swapshop in programming :)

Programming is by far not my only interest, as I have also been studying economics, did my bachelor's in electrical power system engineering and have led one of the largest student organisations in Croatia. Squash and running are my favourite activities, besides biking, which I use to get everywhere. And Legos! I strongly believe Legos are the best toy ever, and since I brought my old legos to my office recently, I now play with them almost every day :))

I feel incredible whenever I have a chance to teach, as I believe teaching is the best and most direct way to have a profound positive impact on someone! Therefore, one of my

ALEKSANDAR

Hey there, my name is Aleksandar Salim aka Aleks, Sale, Mudzi. I'm an easy going guy who likes chemistry. Currently, studying at EPFL where I can fully express my deepest love towards chocolate, the Swiss chocolate.

I am a guy who likes to try out things, so I like strawberries, music, cherries, science, manga comics, climbing trees, Star Trek, one cute girl with big frog like eyes, breaking bad but not getting a cancer(at least not yet), chess, SF and EF books, go, experiments, Star wars etc.

As you can see I really enjoy food, and you will probably notice that. In free time I spend my time stretching my mind as much possible. I like playing chess and recently I started to play go. When it comes to reading, I'm really like manga comics, I would mention Full metal alchemist and Death note. I tend lose myself in a SF, EF books, starting with a 42 and Ford's adventures, riding crazy worms trough the dunes of Arrakis, traveling around in Hyperion universe, up to hanging out with the fellowship guys all the way to the Mordor. I'm great guitar player! Though, it's generally hard to listen me and be in surrounding, so I'm usually playing in the cornfield. I You never know, some day I may be the man in black and rockin' with wheels of fire ;). Music makes me happy. I don't have favorite genre, but something is also spinning around in my head. Currently, I'm researching jazzy music and beginnings of rock and roll, so I spend more time with Neil Young (https://www.youtube.com/watch?v=An2a1_Do_fc) and Frank Sinatra (<https://www.youtube.com/watch?v=KIiUqfxFttM>).

Oh yeah, I should mention a geeky part also. I like chemistry and chemistry likes me. I proposed, she kinda said that I have to prove my love to her. Everything started when a



professor told me that I can't do it.

After that I went to Petnica and my destiny was sealed. I spent many years in Petnica, which is small science center in Serbia, and it played a really big role guiding and it kind of helped me to discover myself. Also, I was evolved a lot in science communication. I did a lot of experiment presentations, also spent a lot of time talking about chemistry. I have truly intrinsic drive for teaching, inspiring, sharing chemistry to people, and in this case it's not hard to listen me ;).

I'm leaving you with a quote on why we research.

The first of these factors is the compelling urge of man to explore and to discover, the thrust of curiosity that leads men to try to go where no man has gone before.

See you soon!



ERNEST

My name is Ernest.

In the same time I am a Student, Professor, Researcher and a Head of R&D (Research and Development).

Most of you are students, so let start with my role as a student. My chemistry studies didn't stop with the end of my formal education (a PhD degree). Next semester I'm starting with the study of synthesis and characterisation of peptides and am ready for a second advance course on heterogenic catalytic transformation.

Also, I'm student of my two sons (Jerko and Matko). Many things about new technologies, culture, music and other stuff which are important now (you are familiar with this) I am learning from them. Sometimes they put in front of me some very hard homework (<http://www.anime-planet.com/anime/>). I'm also a student of my wife Sanja, she teaches me many important facts, the most difficult one for me—how to put order on my desk and my working place.

I very much enjoy my role as a professor. The lecture „Chemistry of Material“ and „Solid State of Drugs“ is the way how my knowledge, experience, passion and creativity can be transferred to the younger generations. Open discussion, open space and open mind are

the characteristics of my lectures. There is always a small ball in my pocket which helps me maintain the attention of the students in the lecture room. You never know when the ball is going to fly in your direction. Besides science and technology I'm passionate about teaching students how to utilise teamwork and out of the box thinking. Day in which I have opportunity to show beauty chemistry to the children is also something which I like very much (see picture). The public speaking about science and technology I like very much (<http://tedxuniversityofzagreb.com/>)

As a researcher, my interests included research and development of active pharmaceutical ingredients with specialisation in the field of solid state chemistry, structural science, chemical crystallography and material science. In the last several years the study and utilisation of Green Chemistry has become a very important part of my research. Behind me there are more than 50 scientific publications, about 100 papers, lectures on many scientific and professional conferences and 12 published patents and applications.

From the professional aspect the position of the Head of Research and Development in a pharmaceutical company is something is that requires most of my time. In this organisation there is more than 100 people, several research departments, several tens of laboratories and many projects. This is an opportunity that all my knowledge (not only chemistry) can be put in the direction of preparing drugs for many people.

In my free time I enjoy gardening, chess, carpentry and woodworking.

ANTUN

Hi everybody!

My name is Antun Tonko Jakobović and I'm going to be your technical consultant this year. I'm from Požega, so for any questions or get-away routes, you call me.

For what my hobbies are concerned, I'm totally into music. After finishing Musical school (piano course), I joined several choirs. Currently, we're practicing Handel's Messiah so if anyone is interested—13th June 2014, Požega Cathedral. And the best thing is, I sometimes get to play those big, church organs - music geeks will understand.

Besides that, I enjoy reading different travel blogs or other people's life stories, it can be quite inspiring sometimes. One day, I wish to travel and travel...

And I really like studying. Sometimes I get into it so much that I start relaxing and actually having a great time. Weird, I know. But everything we learn, we grow. That's why I enjoy it.

My main science interests are biology, archaeology, anthropology and I like to combine them in every possible way. Actually, I'm having my work published at the upcoming conference. So keep your fingers crossed!

