



SUMMER SCHOOL OF SCIENCE

S^3/S^{3++}

S^3 : 16th – 24th July 2015

S^{3++} : 25th July – 04th August 2015

Požega, Croatia

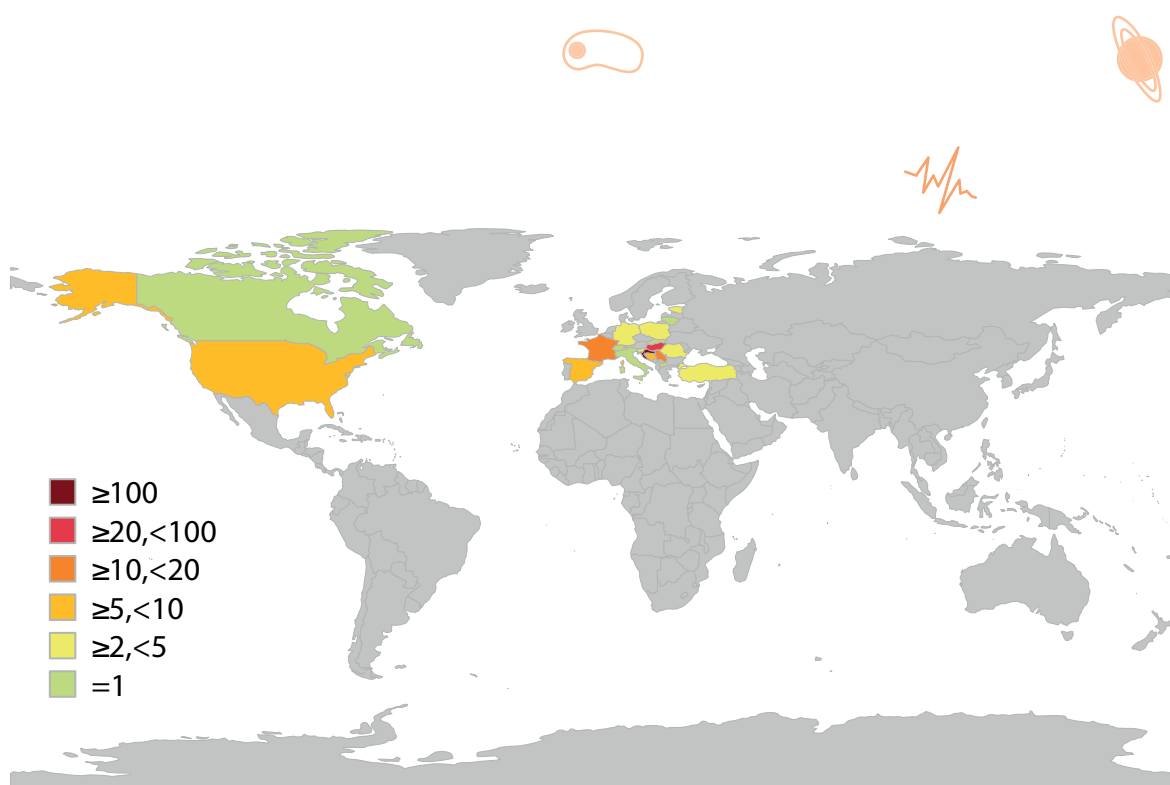
What is Summer School of Science?

Summer School of Science is educational scientific program targeted at high school students. Main goal of the Summer School is to give students possibility to work on actual scientific problems and promote career options related to natural sciences.

School is organized in two camps that take place in July and August each year. Around 40 students work in small groups of three or four under a supervision of a mentor, who is usually a PhD student or a postdoctoral researcher.

Summer School of Science was founded in 2001 in Visnjan by a group of young enthusiastic science educators, and due to a large interest, was expanded to Pozega since 2010.

The School has an entirely international character, and so far it has hosted more than 200 students from different countries, such as Croatia, Germany, France, Turkey, Spain, Serbia, Bosnia, Romania, USA, Sri Lanka and many others.



What is Summer School of Science?

The School gives students opportunity to participate in their very own research project, thus enabling them to directly experience how does it feel to work as a scientist. In addition, by participating in the school, students develop critical way of thinking, learn how to communicate and present their results to the group of peers, and moreover obtain a network of people with similar interest.

Mentors, PhD students and scientists, get experienced in project design, leading and management. They expand their teaching and social skills and get to know importance of science popularization and work with young people.



Who can recommend us?

The scientific projects done by the participants were outstanding, and I was impressed by how much they learned, and what they were able to achieve. The excitement and pride in their eyes when they talked about their projects was the best testimony that the school successfully reached its goal to excite young people for science and show them that they can do anything if they want to.

Prof.Dr. Ivo Sbalzarini, Max Planck Institut Dresden

Summer School of Science gives answers to practical questions how to investigate something and get relevant answers. Besides that, participants are successfully preparing for teamwork, because they have to talk and share their ideas, but also at the same time actively listen and respect others.

Prof.Dr. Ivan Djikic, Goethe University Frankfurt

I have been following the program of the Summer School for several years now, since I have participated three times as a guest lecturer and I can openly say that it represents one of the most dynamic and advanced science programs for gifted students, not only in Croatia but also on an international level as well.

Dr. Bojan Zagrovic, Max Perutz Laboratories Vienna



Testimonials

Summer School of Science is a place where enthusiasm meets knowledge and creativity. There is no better feeling than feeling of freedom to ask, discover and learn while being accompanied with people of the same kind. S3 impressed me one more time.

What makes us think light is a wave? Dora, Martina, Jovan and Tomislav got the chance to play with laser and discover some of the phenomena in physical optics; like diffraction, interference and polarization and get a sense of how laws that govern those phenomena can be applied to calculate some cool stuff like distance between bits on a CD or between erythrocytes on coating.

Tea Muzic, Swapshop leader
University of Copenhagen, Denmark

S3 is brilliant project for young person who has to decide about further career. I learned so many things; in field of my scientific interests and in general. Beautiful young people, our project leaders and organizers, showed us that nothing is hard if you really want it. In 10 days, thanks to them, I realized that it is not only important to be a good scientist, than to be a good person. It was unforgettable experience and I am really grateful for being a part of it.

Martina Manenica, 3rd grade
Grammar School Metkovic, Croatia

This Summer School was the best experience in my life! I was given the opportunity to learn about science and things related to it. I've met many excellent people both students and lecturers/swapshop leaders who gave me a lot of useful advice which will help me in my future career. I gained knowledge and a lot of friends during this school, everything was so well organised (with perfect ration of hard work and fun/free time). I hope that in the future this school will grow and become more popular and that, one day, I will come back to it: either as a lecturer, swapshop leader or something else.

Tin Kocijan, 4th grade
Prva Gimnazija Varazdin, Croatia

Summer School of Science gave me the opportunity to work so closely with so many successful scientists in such an early age, which is such a great and rare opportunity. Learning from them about science is great, but it's also wonderful to hear them talk about life, success and failures, and realize what are the things that really make somebody a leader in also a lot about teamwork and other cultures which were brought together based on common interests. It was great to meet so many, I could say, global peers who are all so ambitious and wellrounded, possibly future leaders in science and I think that friendships and connections are a valuable thing the school brought us, and it will probably be a while before we realize the full impact it had on us.

Tamara Tica, 3rd grade
Grammar School Jovan Ducic, Bosnia and Herzegovina

2015 Organizers



S3

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