

# SUMMER SCHOOL OF SCIENCE

INTERNATIONAL SUMMER SCIENCE WORKSHOP  
FOR HIGH SCHOOL STUDENTS

POŽEGA, CROATIA

Hands-on work on real scientific projects ✨ Evening lectures by prominent scientists ✨ High school students from all over the world as participants ✨ Young scientists from top universities as mentors



**CAMP S<sup>3</sup>: JULY 28TH - AUGUST 7TH 2019** (9<sup>th</sup> and 10<sup>th</sup> grade students)

PROJECTS: Do we really need animal testing to keep us safe? ✨ Mimicking nature in a chemistry lab  
No driver's license needed! ✨ Peeking inside the brain ✨ Let's slow down the aging!

**CAMP S<sup>3</sup> ++: AUGUST 8TH - 18TH 2019** (11<sup>th</sup> and 12<sup>th</sup> grade students)

PROJECTS: Nanotechnology - it's a piece of cake! ✨ The key to our consciousness ✨ Analyze my.DNA  
Machine learning to solve a math problem in seconds ✨ The butterfly effect

INVITED SPEAKERS: Pearl Pu (EPFL Lausanne, Switzerland) - human-computer interaction • Vladimir Dzyuba (Flanders Make, Belgium) - artificial intelligence • Ivanka Jerić (Ruđer Bošković Institute, Croatia) - biomimetic chemistry • Dragana Ilić (University of Belgrade, Serbia) - astronomy • William F. Martin (Heinrich-Heine-University Düsseldorf, Germany) - evolutionary biology • Matea Horvat (University of Zagreb, Croatia) - psychology • Michalis Charilaou (University of Louisiana at Lafayette, USA) - nanomagnetism • Ivna Ivančić (University of Zagreb) - psychology

