

1923 IMSEF FINALIST LIST

Project Category	Project Name	Student Name and Surname
Biology	A matter of stress	Alice Freguglia, Giulia Trotti, Angelica Cotta Ramusino
Biology	Development of an antifungal cream from <i>Origanum vulgare</i>	Tadeo Emiliano Oloarte Soria
Biology	Modulation of the stress response using a probiotic yogurt in a zebrafish (<i>Danio rerio</i>) model: evaluation of cortisol levels.	Frida Yovanna Báez Sayago, Alejandro Hoyos Olivo
Biology	Preparation of a Biopesticide Based on the Plants <i>Chrysanthemum cinerariifolium</i> , <i>Artemisia absinthium</i> and <i>Azadirachta indica</i>	Angela Osorio Camarillo Martinez, Andres Maximiliano Herrera
Biology	Antimicrobial potential of a honey and propolis-based cream in people with diabetes mellitus	Raúl García Herrera, Ruben Hidalgo Poblano
Biology	Evaluation of the Anticancer Potential of Metabolites Produced by Endophytic Fungi Isolated from the Root of <i>Smilax aristolochiifolia</i> in an Experimental Leukemia Model	Melissa Jatzin Gutierrez Cano
Biology	Comparative Analysis of Micromycete Abundance in Natural Reservoirs and Water Supply Systems in Summer and Winter Periods	Filipp Smirnov
Biology	Enhancing Halotherapy for Arctic Respiratory Health: Simulating a Marine Microclimate with Kempendyai and Sea Salts	David Zorin
Biology	Effect of honeybee-derived <i>Apilactobacillus kunkeei</i> isolates on vitamin D receptor expression and <i>Caenorhabditis elegans</i> lifespan	Iskra Gnjidić
Biology	Impact of plastic fragments in the substrate on the growth and physiological parameters of wheat (<i>Triticum aestivum</i>)	Marija Ignjatijević
Biology	The millipede <i>Glomeris hexasticha</i> Brandt, 1833 (Diplopoda, Glomerida) as a bioindicator of metal accumulation from soil and litter	Ana Savićević
Biology	The possibility of using <i>Tenebrio molitor</i> larvae in the biodegradation of polystyrene	Mara Stanisic
Biology	Comparative analysis of the peptide hormone GLP-1 in mammals	Teodora Arsić
Biology	Catch-and-Release Angling Under Climate Warming: Effects on Reflex Impairment and Stress in <i>Rhabdosargus holubi</i>	Joshua George Donalitos, Connor Leornado Kinnes, Rorisang Mohlobuli
Biology	Self-Sustaining Agricultural Technology	Xadica Karim, Nergiz Kurbanova
Biology	A Biological Approach to Predicting Stress Recovery	Ayandiswa Mloyi
Biology	NIR-based multispectral optical system for early detection of plant stress	Robert Andrei Grigore, David Covalschi
Biology	Healing scar with science	Ayan Masimova Dermatone
Physics	Emus-Estação De Monitoramento Do Solo- Iot	Elizabeth Santana Alves

Physics	Theoretical analysis of the effect of copper, tin, and vanadium doping on the electrochromic properties of Ni-deficient NiO	Katarina Jakovljević
Physics	The Impact Of He-Ne And Diode Lasers On Growth And Damage Of Garden Cress	Jelena Ječmenica
Physics	Tesla Coil	Ali Faracov, Yusif Nagiyev, Hikmet Huseynli
Chemistry	Seasonal dynamics of metal accumulation in the biomass of <i>Chlorella sorokiniana</i> from the urban photobioreactor LIQUID3	Katarina Jovanov
Chemistry	Optimization of the process of obtaining electrophoretically deposited polymer/hydroxyapatite composite coatings on titanium with and without gentamicin	Julija Djosic
Chemistry	Investigating Crude apple-derived plasticiser extract as a Novel Plasticiser in Cow Dung Fibre Biodegradable Plastics.	Nayeli Chinzou
Chemistry	The Impact of Aerobic and Anaerobic Bacterial Processes on the Ecosystem under Conditions of Marine Pollution and Sea Level Decline	Tufan Cavadzade, Amina Alizade, Nazlı Faracova
Chemistry	Underwater Robot for Water Treatment	Ada Azizova
Chemistry	Transformation of p,p'-DDT in Ethanol under Ionizing Radiation	Murad Mirzayev Miryusif Miratayev
Maths-Computer	Development of a Web Application for Automatic School Timetable Generation v2.0	Daria Uspanova
Maths-Computer	Properties of sets with a low turning number	Marko Kragulj
Maths-Computer	FlowGrid	Meeghan Katiyo
Maths-Computer	Smart pen for digitizing movements and writing	Călin Poroch, Radu Cristian Fediuc
Energy-Engineering	Modular Orthotic Versatile Exoskeleton	Alexia Iconomescu, Matteo Pătrașc, Mihai Condrici
Energy-Engineering	AURA: A bracelet for skin protection through cancer and UV detection	Yigit Günes, Shaheen Aljourdi, Rodrigo Von Mayer Goulart
Energy-Engineering	Modular charging station	Stepan Goriavchev
Energy-Engineering	Application of the Yutkin Effect for Breaking Oversize Rocks	Aleksandr Farkov
Energy-Engineering	The airplane for the urban youngster	Kian Potgieter
Energy-Engineering	BioGen	Isaac Muketiwa
Energy-Engineering	Design and Evaluation of a low-cost greywater filtration system using locally available materials in Zimbabwe	Ruvarashe Leonah Madziyire
Energy-Engineering	Eco-Brick	Charlene Gwatiringa, Chloe Mtemeri