

Category 2. Physics, astronomy and engineering							
JULY 7							
Participant №	Project №	Project Name	Authors	School	Country	Time Limit 10 min	
						start	end
1	II-1	How to remove bad odors from clothes?	Lamis Maktub	Ajyal AlQuds school	Palestine	15:00	15:10
2	II-2	Modular charging station	Stepan Goryavchev	Engineering and Technology Lyceum No. 24, Neryungri	Russia	15:10	15:20
3	II-3	Analysis of Regional and Residual Anomaly Mapping Based on Gravity Method in IKN	Azka Achmad Aufa	Jakarta 53 High School (CYS)	Indonesia	15:20	15:30
4	II-4	Sound Absorption Coefficient of Cocoa Skin with Tapioca Flour as Adhesive to Dampen Sound	Ahmad Zidane Abizard Nasution	Chandra Kusuma School (CYS)	Indonesia	15:30	15:40
5	II-5	Study of thermal conductivity of wall structures made of foam zeolite concrete blocks	Danil Eremeev	Suntar Polytechnic Lyceum	Russia	15:40	15:50
6	II-6	Project of a bus stop in permafrost conditions	Artur Fedorov	Suntar Polytechnic Lyceum	Russia	15:50	16:00
7	II-7	Security Inspection Robot	Hamad Salem	Fujairah Science Club	United Arab Emirates	16:00	16:10
8	II-8	Experimental Research of Composites' Physical Properties from Household Plastic Waste	Viktor Petrov	S.K. Makarov Churapcha Ulus Gymnasium	Russia	16:10	16:20
9	II-9	Study of physical and mechanical properties of biodegradable film	Kristina Kulichkina	S.K. Makarov Churapcha Gymnasium	Russia	16:20	16:30
10	II-10	Space Debris Identification Mapping and removal	Ashwariy Madhav Ahan Mathew	Foundation for glocal science initiative	India	16:30	16:40
11	II-11	Model of a device for washing and cleaning shoes from Lego	Nariyana Nikitina	Suntar Polytechnic Lyceum	Russia	16:40	16:50
Coffee break (15 min)							
12	II-12	Thermal stabilization of permafrost soil.	Artyom Nikolaev	Suntar Polytechnic Lyceum	Russia	17:05	17:15
13	II-13	Investigation and optimisation of Brown's gas generation process in an alkaline electrolyser using solar energy	Albert Konstantinov	Specialized Educational and Scientific Centre, M.K. Ammosov North-Eastern Federal University	Russia	17:15	17:25
14	II-14	Measurement Of The Ionosphere Thickness	Efe Yenice Ahmet Selim Çevirgen	Seyhan Technology And Innovation Center (Seyhan Teknoloji Ve Inovasyon Merkezi)	Turkey	17:25	17:35
15	II-15	Investigation and Optimization of Brown's Gas Generation in an Alkaline Electrolyzer Using Solar Energy	Michiye Dmitrieva	Specialized Educational and Scientific Centre, M.K. Ammosov North-Eastern Federal University	Russia	17:35	17:45
			Dyuluur Afanasyev	V.P. Larionov Physics and Engineering Lyceum	Russia	17:45	17:55
16	II-16	Hydrogen Fuel Cell and Electric Vehicles: Two innovations with potential in combating environmental problems	Miruna Ionascu	"Vasile Alecsandri" National College	Romania	18:05	18:15
17	II-17	Investigation of Solar Activity Detection Using an Amplified Photodiode	Efe Yenice Ahmet Selim Çevirgen	Seyhan Technology And Innovation Center (Seyhan Teknoloji Ve Inovasyon Merkezi)	Turkey	18:15	18:25
18	II-18	EXTENSIVE ASYMMETRIC ENCRYPTION ALGORITHM	ELVAN TUNA BÜLBÜL MERT ERGEN UMUT KAYRA KIZILIRMAK	IZMIR IISEEF	Turkey	18:25	18:35
19	II-19	Early Detection of Building Damage Using the Steepest Descent Method Based on Image Processing	Nadiah Elvaretta Azarini Agusputri Salma Tsabita Sherly Anya Nabila Ganela Khuluqi Ulinuha Kalila Nadine Rachmani Ghina Qasamah	Ar Rohmah Putri Islamic Boarding School – Campus 1 (IYSA)	Indonesia	18:35	18:45
20	II-20	"Sea Bedder" Innovative Mapping Tool To Mitigate Coral Reef Damage From Ship Anchoring Practices Using AIS Data For Effective Conservation Strategies	Risala Sujat Swara Wahyu Gymnastiar Ekky Atriq Sulthon Muhammad Naufal Haidy Zuliantomo	Diponegoro University	Indonesia	18:45	18:55

21	II-21	Fire Fighting Robot	Abdulla Hamad	Fujairah Science Club	United Arab Emirates	18:55	19:05
22	II-22	Drone drug delivery	Salem Hassan	Fujairah Science Club	United Arab Emirates	19:05	19:15
23	II-23	When the sun gets angry	Raghad Malaysheh Nada Abd Alkamel Layan Oida Roa Sublban Jana Dana Ghida Kaloti	Al eman secondary girls school	Palestine	19:15	19:25
24	II-24	Evaluation of the effect of using magnetic gear in improving the performance of process systems based on mechanical gear	Artin Radmatin Baran Bahman MohammadHossein Ezzati Niki Abtahi Sarina Nosrati Baran Derakhshandeh Daryasari	Iranian Youth Science and Technology Center (IYSTC)	Iran	19:25	19:35
25	II-25	Protecting Curious Little Minds: A Smart Child Safety Solution with IoT and Image Processing	Moeid Rajabi Helena Rajabi	Iranian Youth Science and Technology Center (IYSTC)	Iran	19:35	19:45
26	II-26	EcoNet Bin: AI-Driven Waste Segregation with IoT-Enabled	Mehran Rajabi Alireza Jafarnezhad	Iranian Youth Science and Technology Center (IYSTC)	Iran	19:45	19:55
27	II-27	UVGuard Grooming Brush	Zhina AminAlroaya Karladani	Aydin new ideas association	Iran	19:55	20:05