

### Winners of 2021TISF(Chemistry)

No.	Category/Country	Project	School	Finalist	Award
030031	Chemistry Russia	Direct reductive amination of camphor	Moscow South-Eastern School named after V. I. Chuikov	Ivan Smirnov Artem Amangeldyev	First Award
030028	Chemistry Japan	Dependence of Alloy Composition in Color Change of Brass Foil by Oxide Thin Layer Formation	Sendai Daisan High School, Miyagi Prefecture	Yuki Kawakatsu Masahiro Kimura Tomoaki Nikaido Ritu Watanabe Yugo Yagiuchi	Third Award

### Winners of 2021TISF(Biochemistry)

No.	Category/Country	Project	School	Finalist	Award
080020	Biochemistry United States	An In-Depth Patch-Clamp Study of HCN2 Channel (Year II): Discovery of Novel Biomarkers and Therapy for Ih Current Suppression in Autism Spectrum Disorders	Maggie L Walker Governor's School for Government and International Studies	Perisa Satish Ashar	First Award

### Winners of 2021TISF(Medicine and Health)

No.	Category/Country	Project	School	Finalist	Award
090027	Medicine and Health Iran	Fabrication and Characterization of Biological Electrospinning Nanofiber Scaffold Based on Cellulose Diacetate-Gelatin-Green Tea for Tissue Engineering Applications	Avicenna research center	Zohre Mahdavi Sabet	Third Award
090028	Medicine and Health Russia	Development of a neurointerface glove with tactile feedback	Lomonosov Moscow State University Gymnasium	Mariia Lapchinskaia Artem Ovchinnikov Olga Piskunova	Fourth Award

### Winners of 2021TISF(Engineering)

No.	Category/Country	Project	School	Finalist	Award
100039	Engineering Macau	Designing Multifunctional Intelligent Autonomous Underwater Remote Operating Vehicle to perform "Search and Rescue" in the event of extreme weather flooding condition	Pui Ching Middle School Macau	SIN SEBASTIEN AFONSO DA SILVA CRISTIANO LAO CHIT BRYAN	青少年科學獎 Young Scientists Award
100039	Engineering Macau	Designing Multifunctional Intelligent Autonomous Underwater Remote Operating Vehicle to perform "Search and Rescue" in the event of extreme weather flooding condition	Pui Ching Middle School Macau	SIN SEBASTIEN AFONSO DA SILVA CRISTIANO LAO CHIT BRYAN	First Award
100041	Engineering Thailand	Design and Prototyping of a Low-Cost Ventilator for Rural Hospitals	Ruamrudee International School	Miss Irawadee Thawornbut	Second Award
100044	Engineering Switzerland	Development of a rotor blade with optimized aerodynamics to propel a quadcopter	Freies Gymnasium Zürich	Max Schaldach	Third Award
100042	Engineering Ukraine	AUTONOMIC HEATING GLOVES	National Center "Junior Academy of Sciences of Ukraine" under the auspices of UNESCO	Taisiia Chursina	Fourth Award

### Winners of 2021TISF(Physics & Astronomy)

No.	Category/Country	Project	School	Finalist	Award
160049	Physics & Astronomy South Africa	Sunprints in the sky	Setjhaba se Maketse Combined School	Thabo Maliea	Third Award

### Winners of 2021TISF(Earth and Environmental Sciences)

No.	Category/Country	Project	School	Finalist	Award
180014	Earth and Environmental Sciences Iran	Removal of Nutrients by Chlorella Vulgaris Microalgae in Bandar Abbas Municipal Wastewater	Avicenna research center	Marzieh Salemi Fatemeh Salemi	Second Award

### Winners of 2021TISF(Computer Science and Information Engineering)

No.	Category/Country	Project	School	Finalist	Award
190039	Computer Science and Information Engineering Macau	A deep learning-based home safety perception system for household service robot	Pui Ching Middle School Macau	Lei In Hei	Third Award
190041	Computer Science and Information Engineering Egypt	Utilizing Computer Vision And Machine Learning Algorithms To Control Smart Systems Helping Physically Disabled People.	Elnasr boys' school	Gasser Mohamed Galal Mostafa Ahmed Abdelmohaymn	Fourth Award

### Winners of 2021TISF(Environmental Engineering)

No.	Category/Country	Project	School	Finalist	Award
200024	Environmental Engineering Japan	Considering Fukushima' s contaminated water treatment system using algae ~ To protect the oceans from radioactive emissions	Fukushima Seikei High School	Keisuke Nemoto	Third Award
200027	Environmental Engineering Tunisia	The Waves Fish Controller	ATAST - The Tunisian Association For the future of Sciences and Technology	Fedi NABLI Chaima CHAFTAR	Fourth Award