

2024 International Innovation & Invention Competition Bronze Medal Award List

2024 IIIC Bronze Medal Award List 銅牌得獎名單

SID	Country	Inventor	Organization	Invention
301518	台灣	Chung-Wen Kuo, Tzi-Yi Wu, Hsiu-Chung Tu, Zi-Hao Lin, Ruo-Yu Wang, Pei-Rong Lu	國立高雄科技大學	Calcined iron-chelated and phenylenediamine-containing copolymer as cathode catalyst for proton exchange membrane fuel cells
301531	台灣	Yu-Chang Huang, Chung-Wen Kuo, Tzi-Yi Wu, Qing-Min Li, Yuan-zhan Lu, Meng-Hong Chen	國立高雄科技大學	Electrodeposited copolymers based on 1,3-bis(9,9-dimethylacridin - 10(9H)-yl)benzene and dithiophene derivatives for high optical contrast smart window
305228	台灣	HSIU-JUNG CHOU, JIA-HONG HUANG, TING-YING CHU, HONG-LIN WANG, MING-FENG ZHANG, YOU-CI ZENG	正修科技大學	LIFT MANICURE STOOL
305464	台灣	I-Hsuan Peng, Pei-Chun Lee, Chen-Kang Tien, Xuan-En Chen, Li-Yu Huang	明新學校財團法人明新科技大學	AIoT-Based Mobile Air Quality Monitoring and Forecasting System
306983	台灣	SHE-FEN HUANG, CHUN-YI LIAO, TUNG-MING KOO, PEI-KUO HU, HAN-LIN HSIUNG	康寧財團法人康寧大學	Homemade eco-friendly nutrient-rich soil
307676	台灣	Ya-Lie Ku, Hui Ling Wang, Chao Yin Li	輔英科技大學	Improved Positioning and Turning Aid
307897	台灣	Rui-Lin Lin, Yeh-Hung Tseng, Zhe-Wei Zhang, Yi-Chen Wang, Fu-You Huang, Yue-Feng Li	建國科技大學	Design of Eco-Friendly Hygiene Function Bowl
308578	台灣	Yu-Yu Chen, Shih-Hsu Huang	中原大學	Solar Cooling Helmet
308827	台灣	Yung-Jung Huang, Bi-Ling Dai, Chun-Fei Hu, Chen-Yu Su, Yi-Ching Chen	大葉大學/ 融薪生命管理股份有限公司	Biodegradable Cremation Urn for Bone Ashes

2024 International Innovation & Invention Competition Bronze Medal Award List

SID	Country	Inventor	Organization	Invention
308842	台灣	Kevin Kuan-Shun Chiu, Chia-Hsiang Chou, Yu-Hsuan Chan, Yu-Jou Chan, Yu-Chieh Chan, Hsiu-Ling Chen	龍華科技大學	A Hybrid Mechanism for Remote Control Airplanes: A Conversion Kit.
308886	台灣	DAI YU-FANG, SOO HOO JIA KAI, LIN CHYUN-CHAU	樹德科技大學	Ease Care
309051	台灣	CHI-RUEI WU, LI-HSIANG LI, BOR-JANG TSAI	中華大學	Guitar pick holder
309117	台灣	Shu-Chen Chang	台南應用科技大學	Intelligent Foldable Heat Retaining Mat
309129	台灣	TZU-HSIN TSENG, JING-RUL LIN, WEI-QING HUANG, YU-CHEN TSAI, KUN-YEN CHIEN, PIN-HUI LU	康寧學校財團法人康寧大學	Smart Blinds
309279	台灣	SHU JUI-CHE, CHUEH KUAN-YI, CHENG YAO-CHUN, LIN CHIH-YU, XUE ZU-LIN, KAO YU-HSIANG	康寧學校財團法人康寧大學	Automatic fallen leaves cleaner
309329	台灣	Ping-Tzan Huang, Chia-Hung Lin	國立屏東科技大學	An Early Warning System for the DC Microgrid Power Supply Protection Equipment
309372	台灣	SHENG-WEI YANG, YU-CHI WANG, YUNG-CHIN LIN, CHIA-CHI LIN, SHENG-WEN SHIH, BO-YI LI	康寧學校財團法人康寧大學	Motorcycle lane change warning light
309373	台灣	LI-LI LIU, JUN-HAO CHEN, LI-LAI LIU, LI-HSUAN YEH, HONG-JUN CHEN, XIU-ZHEN CHEN	康寧學校財團法人康寧大學	The "Zhang Shi Wei" cane

2024 International Innovation & Invention Competition Bronze Medal Award List

SID	Country	Inventor	Organization	Invention
309387	台灣	Wan-Ju Kang, Ya-Yun Tan, Pei-Hua Hsu, Wei-Ming Huang, Shiu-Jen Chen	康寧學校財團法人康寧大學	Automatic Cooking
309394	台灣	Yi-Liang Huang, Ya-Wen Kuo, Meng-Luen Wu, Ying-Ju Wu, Yi-Shan Huang, Jing-Ling Li	中華醫事科技大學	Innovative Spoon Holder Set
309400	台灣	Yu-Chi Hsiao, Chun-Kai Wang, Yi-Tung Lee, Yi-Ju Chen, Chua-Tsu Chen, Guei-Ying Lin	康寧學校財團法人康寧大學	Portable scented braces cleaner
309407	台灣	Cheng-Ching Sung, Guan-Qi Chen, Yu-Wei Tasi, Yan-Hua Chang, Yan-Zhang Huang, En-Cih Cui	康寧學校財團法人康寧大學	Carbon Dioxide Conversion Energy Watch
309437	台灣	Wei-Ling Tseng, Yi-Jen Lin, Yi-Hsuan Hung, Ying-Tung Lin, Hsin-Ju Hsieh	康寧大學	Intellect Mobility Aid
309464	台灣	Sheng-Da Hsieh, Wei-Xiang Huang, Chong-Wei Lu, Xuan-Cheng Li, Jing-Jie Lin, Wei-Ni Zeng	康寧大學	Activated Carbon Cleansing Patch
309547	台灣	Chia-Hung Kao, Chia-Te Liao, Fu-Long Huang, Ying-Yu Liao	空軍航空技術學院	Energy-Efficient Smart Machine with Integrated AES Homomorphic Encryption for Secure Data Transmission Design
309563	台灣	Yu-Zen Tsai, Yi-Hsien Lin, Na-Fu Wang, Ming-Kai Yeh, Vincent Hadianito, Dellis Tantonio	正修科技大學	Welding Intelligent Control Energy-Saving Smoke Exhaust Machine
309564	台灣	Yi-Hsien Lin, Yu-Zen Tsai, Na-Fu Wang, Yu-Guang Liao, I-Hsun Huang, Jia-Wei Xue	正修科技大學	Monitoring and warning system for the elderly living alone at home
309652	台灣	Chih-Chieh Chang, Bo-Wei Chang, I-Hsiang Huang, You-Min Lin	台鋼科技大學	Energy-saving sweeping robot that can set cleaning areas
309734	台灣	Chih-Tung Chiu, Kun-Hsun Huang, Li-Ling Chang	康寧學校財團法人康寧大學	SkyWash
309759	台灣	Ya-Hsien Chin, Yu-Ting Huang, En-Zhi Liu	僑光科技大學	GrabXplorer

2024 International Innovation & Invention Competition Bronze Medal Award List

SID	Country	Inventor	Organization	Invention
309796	台灣	Ting-Ting Chang, Samuel Y. Ruan, Po-Chen Chen, Yu-Tong Syu, Jia-Wei Guo, Yu Shuo Huang	龍華科技大學	TOWEL DRYING DEVICE
309942	台灣	Hsueh Min-Sin, Wang I-Yu, Huang Yi-Liang, Chen Chun-Tung, Yang Jui-Chun, Chan Wen-Chi	中華醫事科技大學	Super- UV Minder
309944	台灣	Zi-Xuan Li, Tzu-Yi Cheng, Shin-Yu Yang, Pei-Shan Chung	康寧學校財團法人康寧大學	Self-Rescue Device
309976	台灣	ANNABEL T. CHU, PEI-SHAN CHUNG, CHUNG-CHANG LIEN, TUNG-FANG WANG, PEI-JUNG LU, YU-XIANG TSAI	康寧學校財團法人康寧大學	AI Smart Carbon Reduction Hiking Stick / Smart Safety Cane for Seniors
310001	台灣	Chung-Huai Hsiao, Yu-Chieh Liao, Hsaio-Lei Wang, Hui-Mei Chen, Shinn-Dar Wu	德育護理健康學院	Stealthy Air Umbrella on Rain-Free Days
310002	台灣	Chin-Hua Huang, Li-Xin Huang, Yi-Yun Zhang, Yen-Chin Lai, Xiang-Han Chen	僑光科技大學	Food Recovery Partner
310003	台灣	Yu-Ya Huang, Sheng-Hsiang Huang, En-Kai Yang, Shi-Ni Wu, Yu-Chun Lin, Chin-Yu Chen	康寧學校財團法人康寧大學	Fire detection and Escape Indicators
310004	台灣	Yi-Shan Wu, Chien-Wei Yang, Yung-Chiao Yang, Yi-En Wu	苗栗縣立大同高中、國立苗栗高級中學、新北市板橋高級中學、新竹市頂埔國民小學	Stand Up Under the Chair
310082	台灣	Yun-Hsuan Chang, Rui-Yu Zhang, Yong-Shun Shi, Yan-Ting Hou, Hsien-Ru Chu	僑光科技大學	Multi-functional Mouthwash Dispenser
310103	台灣	CHING-HUA HSIEH, CHIA-WEN CHUNG, WEN-MAO LAI, PO-HUNG CHEN, CHIEN-LIANG LIN	僑光科技大學	COOKING LIVING

2024 International Innovation & Invention Competition Bronze Medal Award List

SID	Country	Inventor	Organization	Invention
310107	台灣	Che-Ping Hsieh, Kai-Ting Rao, Yun-Chen Lo, Yi-Ting Lin	康寧學校財團 法人康寧大學	AIR BAG PROTECTIVE GEAR
310117	台灣	CHUN-SHIH CHENG, CGUNG-YU HSU, BO-XIANG ZHAN, YI-HUA ZHAN	僑光科技大學	SmartCraft Core
310178	台灣	Hung-Ju Tsai, Tien-Yi Hsieh, Tzu-Chien Lan, I-Chen Chen, Yi-Ching Tsai, Pin-Yu Hsiao	大葉大學	Visual Cognitive Training Device
310674	台灣	MIM-XUN WANG, SIH-SYUAN MEI, PO-YU HSU, ZIN-BIN CHIU, CHUNG-CHANG LIEN, SHIU-JEN CHEN	康寧學校財團 法人康寧大學	Me Social Ring
311785	台灣	LIN PEI-HSUAN, LIN CHUN-TING	國立中興大學	SmartCycle Helmet
312568	Ecuador	Valeria Gamarra and Ricardo Aguilar Avendano		Smart Pillbox: Reminds users to take medication on time and records medication usage.
312569	Ecuador	Issac Noe Estrada, Ana Paula Acuna, and Valeria Estupinan Barreno Mieles		Biodegradable Plastic Bags: Made from natural materials and can decompose in a short period, reducing environmental pollution.
312570	Spain	Irene Lorente López, Guillermo Gamir, and Martina Laso		Plant Growth Monitor: Monitors plant growth and provides watering and fertilization recommendations.
312571	Spain	Chema Blázquez and Alonso de No		Smart Pet Feeder: Automatically feeds pets according to their eating habits and monitors their health.