

The 7th Global Competition on Systematic Innovation

FINAL COMPETITION WINNERS



Ranking	NO.	Project Title
Platinum Award	48	Sewage Pipe Inspection System
		Darrell Lee Mann, Kobus Cilliers
Platinum Award	49	Slit valve problem solving and re-design using trimming and resources
		Dongliang Daniel Sheu, Raymond Lin

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Ranking	NO.	Project Title
Gold Medal Award	50	Integrated Omni-directional Polisher with Self Residue Removal
		Dongliang Daniel Sheu, Wenshan Lin, Raymond Lin
Gold Medal Award	47	Smart Energy-Saving Extension Line
		YU-GANG CHEN, JO-PENG TSAI, KUO-HSUN YU, GUAN-WEI CHEN, TING-YI ZHU
Gold Medal Award	42	A microscopic platform for somatic cell counting by microfluidic chip and smartphone
		Shanshan Li, Zijiang Zhang, Junjie Chen, Ke Jin, Zilin Li
Gold Medal Award	46	Systematic Innovation by User-centered Design: Case Study in Ampoule Opener Design
		Po-Hsiang Liu, Ching-Wen Lien, Kai-Chin Yang, Siou-Ning Lin
Gold Medal Award	51	The adjustable high heel
		Jyhjeng Deng, Teng-Hsuan Lin

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Silver Medal Award	39	beeswax extractor
		Jo-Peng Tsai, Chin-Liang Hsieh, Pei-Hua Wu, Yan-Ci Kang, Xin-Yi Jiang
Silver Medal Award	38	A Self-Alleviating Pain System for patients
		Shan-Yang Wang, Jo-Peng Tsai, Jie-Teng Hou
Silver Medal Award	40	No-disturbing others' alarm clock
		Jo-Peng Tsai, Shan-Yang Wang, Zhi-Yang Cheng, Cheng-Che Tsai, Cheng-Rong Jhou
Silver Medal Award	41	Super-hydrophobic ultra-dry umbrella and aerosol based on bionics
		Jia Zhang, Zhen Tan, Jingxin Liu, Yuehua Zhao
Silver Medal Award	30	Fishing Hand Pole with an Active Scent Releasing Lure
		Yaug-Fea Jeng, Tai-Chang Hsia, Su-Chen Huang

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Silver Medal Award	35	a corrugated carton packaging machine that apply for more kinds and specifications soft bag of food
		Yang Song, Wan-ming Zhang, Juan Wang, Rui Liang, Zhen Tan
Silver Medal Award	45	Adjustable Windproof Stove Grate
		Tien-Lun Liu, Zhi-Xuan Chen, Kai-Chin Yang
Silver Medal Award	29	Walking energy-saving cotton-picking machine
		Yuansong Zheng, Changqing Gao, Chenghao Liu, Shifeng Sun
Silver Medal Award	27	Skills Program of MAN 1 Gresik Website as a Promotion Media
		Adhiajeng Putri Ananda Pradana
Silver Medal Award	52	A mobile aquaponics system design
		Li Yuan Chen, Yan Yanling Peng, Yue Cheng Lin

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Ranking	NO.	Project Title
Bronze Medal Award	34	Efficient coin sorting and packaging machine based on Nx3 matrix type track
		Juan Wang, Yang Song, Wanming Zhang, Rui Liang, Zhen Tan
Bronze Medal Award	44	E-Pruried (Economic Pest From Citrus hystric and Carided as the solution of farmer problem)
		Iflah Aninda Wahdani
Bronze Medal Award	36	Hercules transfer robot
		qun sun, juan wang, rui liang, yang song
Bronze Medal Award	53	Design of a digital meter with automatic control function
		Li Yuan Chen, Yi Jia Qiu, Rui Fang Shi
Bronze Medal Award	28	“YouthPress” Youth Inspiration Centers
		Mochammad Iskandar Ardiansyah