

2016 TECO Green Tech Contest

International Contest Participation Teams

Number	Works	Name	Country/School	Department
INTL01	Motion Robot Based On The Shape Memory Alloy	Xu, JianJun	China/ Beijing Jiaotong University	School of Electrical Engineering
		Chai, Ying		Office Of Academic Affairs
		Hong, ZeQi		School of Electrical Engineering
		Xia, ShiChong		
		Zhai, EnYi		
		Xiang, PengFei		
		Gao, Ying		
INTL02	MANUS Environmentally Friendly Aircraft	Zhang, JianWen	Singapore/ National University of Singapore	Electrical Computer Engineering
		Yang, Fan		
		Xu, ShunJie Sean		
		Li, PeiRu		
INTL03	An Indoor Air Purifier Based On Non-thermal Plasma	Sun, LuShi	China/ Huazhong University of Science and Technology	School of Energy and Power Engineering
		Wang, Ben		
		Luo, Di		
		Yuan, XuDong		
		Nie, QiChun		
		Pan, Yue		
		Zuo, ZhongQi		
		Wang, Ye		
		Yang, HengYe		
		Yuan, XuJun		School of Economic and

				Management
		Chen, JiaLe		School of Electrical and Electronic Engineering
INTL04	Solar Energy Storage System based on Reversible Solid Oxide Cells	Chan, Siew Hwa	Singapore/ Nanyang Technological University	Energy Research Institute
		Zhang, CaiZhi		School of Mechanical and Aerospace Engineering
		Pan, ZeHua		
		Qi, Yi		
		Liu, SiYu		School of Civil and Environmental Engineering
INTL05	A New Device for Purification and Heating of Swimming Pool Water	Liu, Chao	China/ Harbin Institute of Technology	School of Energy Science and Engineering
		Yang, YunFeng		Communist Youth League
		Wang, KeXin		
		Shi, Lei		School of Energy Science and Engineering
		Zhang, ZhenDuo		
		Li, Chen		School of Municipal and Environmental Engineering
		Shang, ShuYu		School of Electrical Engineering and Automation
		Huang, Jian		School of Energy Science and Engineering
INTL06	Recycled Natural Proteins for Engineering Applications	Li, JiaShen	United Kindom/ The University of Manchester	School of Materials
		Zhang, BoWen		
		Wu, Ting		

		Miriam Caamaño-Lago		
INTL07	High Efficiency Pt-free Catalysts for Proton Exchange Membrane Fuel Cell	Zhang, GuangJin	China/ University of Chinese Academy of Sciences	Institute of Process Engineering
		Liu, RongJi		
		Cao, HongBin		
		Liu, ChenMing		
		Li, ZeHui		
		Zhang, ShuangShuang		
		Wang, Meng		
		Yang, Lan	North China Electric Power University	Environmental Research Academy
		Liu, JingJing	Beijing University of Chemical Technology	School of Chemistry and Chemical Engineering
INTL08	Peer-to-Peer Energy Transfer System	Takashi Hisakado	Japan/ Kyoto University	Electrical Engineering
		Daniel Kiss		
		Yuta Araki		
		Zhang, Yi		
INTL09	A Wall-mounted Air Purifier Based on Thermal-regeneration	Mo, JinHan	China/ Tsinghua University	Department of Building Science and Technology
		Bing, Hao		Communist Youth League
		Shi, YuChen		Department of Building Science & Technology
		Lin, Lin		
		Sun, JiaQi		
		Xiao, Ru		
		Shen, YiChen		
		Lu, Di		

		Han, DianShan		
INTL10	Zn Batteries for Voltage Control in Power Distribution System: Scalable and Low-cost Approach	Takayuki Homma	Japan/ Waseda University	Advanced Science and Engineering
		Tomohiro Otani		
		Yasuhiro Tsuyuki		
		Satoru Akagi		
		Yuji Takenobu		
		Kohei Murakami		
INTL11	High-power LED Devices Based on SiC Heat Dissipation Ceramic Substrate	Yao, RongQian	China/ Xiamen University	School of Materials Science and Engineering
		Chen, Zeng		School of Public Affairs
		Liao, Liang		
		Yan, JingYi		
		Peng, CaiLin		College of Chemistry and Chemical Engineering
		Shi, Xin		
		Zhou, ZeFeng		
INTL12	FS Dancing Windy	Marat Dosaev	Russia/ Lomonosov Moscow State University	Institute of Mecanics
		Lybov Klimina		
		Andrei Holub		
		Anna Masterova		
		Alena Zarodnyuk		
		Ekaterina Shalimova		
INTL13	Photoelectric CO2 Reduction Catalyzed by Chlorophyllin-sensitized BiVO4 Electrode	Zhang, LiWu	China/ Fudan University	Department of Environmental Science and Engineering
		Xu, Hong		Office Of Academic Affairs
		Zheng, XiuZhen		Department of Environmental Science
		Feng, YiQing		

		Cui, XinYue		and Engineering
		Liu, ZhangQian		
		Ding, Ting		
INTL14	HEAVN Coffee Book	Pan, Wen	Germany/ Technical University Munich	Build Realisation and Robotics
		Stephan Förtsch		Physics
		Anirudh Nandavar		Build Realisation and Robotics
		Tsui, Hao		
INTL15	Pomegranate-like Tin Dioxide/Carbon Composite as High Performance Anode for Li-ion	Zhou, DongShan	China/ Nanjing University	School of Chemistry and Chemical Engineering
		Wang, ShuoYang		Office Of Student Affairs
		Wang, Ke		Department of Computer Science and Technology
		Yan, XiaoNa		
		Wan, YuanXin		
		Xu, XiaoQian		
		Chen, YaoJun		
		Liu, JingWen		School of Chemistry and Chemical Engineering
INTL16	Indoor Wireless Power Transfer	Yoshihiro Kawahara	Japan/ The University of Tokyo	Graduate School of Information Science and Technology
		Tohru Asami		
		Yoshiaki Narusue		
		Arata Hashizume		
		Takuya Sasatani		
		Shi, XinYang		
		Yota Mizutani		
INTL17	Ultra Clean—Washing Machines Based on Ultrasonic	Luo, ZhongYang	China/ Zhejiang	College of Energy and

	Cavitation Stains Exfoliation and Vacuum Degassing Cavitation Reinforcement Theories	Zhao, ChuanXian	University	Engineering	
		Wu, Jie			
		Liu, BaiChen			
		Xiang, GuangJi			
		Ding, ChaoEr			
		Zheng, ShiDa			College of Electrical Engineering
		Hu, PeiNan			College of Agriculture and Biotechnology
INTL18	Modvion Wind Power Tower	Tomas Faxheden	Sweden/ Chalmers University of Technology	Department of Technology Management and Organization	
		Otto Lundman			
		Joakim Örneblad			
		Alexandra Karnig			
		Kristin Grimsdottir			
INTL19	Distributed New Energy Processing and Storage Solution	Song, XuMing	China/ Shanghai Jiao Tong University	Communist Youth League	
		Zhang, YiFan		School of Mechanical Engineering	
		Cao, JiaJun		School of Chemistry and Chemical Engineering	
		Liu, HeCong		School of Electronic Information and Electrical Engineering	
		Zhang, Xiao			
		Bo, ZhiYuan			
INTL20	Development of Novel Double-Rotor System Equipped with Differential Gear for Small Wind Turbines	Masaki Matsunaga	Japan/ Kyushu University	Robert T. Huang Entrepreneurship Center	
		Yuya Ohtaki		The 21st Century Program	
		Miyuki Kozan		The 21st Century Program	
		Nanami Goto		The 21st Century Program	

		Yoshikazu Nakanishi		Engineering
		Satoru Koguchi		Design