

OpenCV AI Competition 2022 – Core OpenCV Track Winners

Award Type	Prize	Project Title	Team Name	Team Members
Outstanding Winners	First Place (\$5000+Certificate)	Aquatic Recycling via Autonomous Duckweed Collection in Lake Titicaca	Recycling Rush	Yamil Uchani Guachalla
				Mariel Fernandez Baldivieso
				Edwin Salcedo Aliaga
	Second Place (\$3000+Certificate)	Red Dot Scanner: A laser-based optical 3D scanner	DeViTech	Viktor Devecseri
				张跃威 Yaowei Zhang
				张世纪 Shiji Zhang
Third Place (\$2000+Certificate)	虚拟点读学习系统 Virtual Point-to-Read Learning System	德玛西亚 Demacia	王晓宇 Xiaoyu Wang	
			马世康 Shikang Ma	
			杨晓龙 Xiaolong Yang	
			姜明飞 Mingfei Jiang	
First Prize Winners	Certificate	基于Khadass VIM3的敦煌藏文古籍识别 Recognition of Dunhuang Tibetan Ancient Books Using Khadas VIM3	高原奋斗组	杨柳青 Liuqing Yang
				索朗曲珍 Sonam Qoinwany
				Youssef Ashraf Ibrahim Ashour
				Mohamed Mohy Mahmoud Akl
		AI Safety And Hazards detection System	Detect to Protect	Abdelaziz Essam Abdalla Serour
				Ahmed Yasser El-kotb
				Francisco Gomez-Donoso
				Félix Escalona Moncholí
		CUC4M: Can You See for Me? A system for the visually challenged in educational environments	Brownish Eclipse	Bessie Domínguez-Dáger
				Francisco Morillas-Espejo
				Holly Dinkel
		COCOpen	Illinois COCONuts	Yash Rathod
Jingyi Xiang				
Harry Zhao				
Hirenkumar vyas				
Second Prize Winners	Certificate	App for visually impaired person	CodeX	Vivek Prajapati
				Arpit Mishra
				Naveen Arora

OpenCV AI Competition 2022 – Core OpenCV Track Winners

Award Type	Prize	Project Title	Team Name	Team Members
		AI Assistance for Sign Language	0 or 1 India	Harikrishnan Rohit Arrunachalam Vaka Isha Reddy
		MedEmoMonitor: Real-time Emotion Monitor for Medical Procedures	Lynx	毕馨方 Xinfang Bi 戴安乐 Anle Dai Ruiling Xia Kaiyancheng Jiang
		运动相机下的运动物体轨迹显示回放 Display of the trajectory of moving objects shot by moving camera	夜之城 镊斤 拷烫烫烫	蒋正阳 Zhengyang Jiang 杨程 Cheng Yang 沈浩华 Haohua Shen
		基于 OpenCVDNN 实现的钢管计数应用 Steel pipe counting application using OpenCV DNN	AndyNet&&GreenOpen	韩儒冰 Rubing Han 禾路 Lu He
		基于人工智能的新冠病毒抗原试剂盒识别 AI-based COVID-19 Antigen Kit Recognition	Dream of GDUT	Yao Wang Qi Zhang Zhihao He Jiacheng Yang
		ADAS in Electric Vehicles	Solection	Sharvin Dedhia Pritish Mair Sanket Suhagiya Rithwik Vedpathak
		Advance perception in Autonomous Vehicles	Autodrive	Hirenkumar vyas Shrushti Rane Harshkumar Devmurari Aman Sheikh
		Third Prize Winners	Certificate	智慧分拣与检测机器人系统 Intelligent sorting and testing robot system

OpenCV AI Competition 2022 – Core OpenCV Track Winners

Award Type	Prize	Project Title	Team Name	Team Members
		人脸疲劳检测 Face Fatigue Detection	赛博松鼠	苏溢彬 Yibin Su 何俊健 Junjian He 谢达森 Dasen Xie 陈嘉煌 Jiahuang Chen
		无处遁形 Nowhere To Hide	Air-lab 鹰之队	吴昌晟 Changsheng Wu 莫俊辉 Junhui Mo 樊鹏 Peng Fan 刘翔 Xiang Liu
		智能交互式人像采集系统 Intelligent Interactive Portrait Acquisition System	ASIR Electrical Detachment	Xiang Fang Bo Zhang Xiaodong Ji Wanfeng Ding
		A Pneumonia CT Image Detection and Analysis Platform based on OpenCV	Pneumonia Detector	Xin Li Hao Zhong Xinzhu Li Ziyu Wang
		Animal Behaviors and a Pinch of Camera	E-JUSTian Behaviorbusters	Arwa Fawzy Hussein Ahmed Anwar Gad Ahmed Mohamed Hassan Heba Yasser Abokhalil
		绘意-Unity 中基于计算机视觉的情感分析和生成体验 Computer Vision-based Sentiment Analysis and Experience generation in Huiyi-Unity	前后溪中华鲟养殖基地	熊博晨 Bochen Xiong 陈亮 Liang Chen 陈阳 Yang Chen 洪朝群 Chaoqun Hong
		核酸检测排队智能提示器 PCR Testing Queue Length Estimation and Notifier	蔚派小组	高锦炜 Jinwei Gao 何海明 Haiming He 邬丽佳 Lijia Wu
			TEAM ALPHA	BOOPESH E

OpenCV AI Competition 2022 – Core OpenCV Track Winners

Award Type	Prize	Project Title	Team Name	Team Members
		AI Based Autonomous Swarm Robots for Warehouse Management Using OpenCV		BALAKUMAR M JEEVAGA KIRUPHA ROOPAN S YASVANTH S
Successful Participants (with complete project)	Certificate	基于 OpenCV 的鱼群密度速度检测系统技术报告 Fish Density and Speed Detection System Using OpenCV	小鱼吃大鱼	张徐 Xu Zhang 张月婷 Yueting Zhang
		基于机器视觉的亚克力板片识别与检测系统 Acrylic sheet recognition and inspection system based on machine vision	好运茜茜	叶茜 Qian Ye
		Translate Sign Language	Barrier-Free World	Gülsüm AKKUZU KAYA Furkan AYAKDAS Erdem DEMIROGLU Asude TANRIBUYURDU
		Detecting unicellular oxygen-producing phytoplankton in ocean ecosystems using classification conventional neural networks	NH Bacteria Busters	Mihir Garimella
		双相机定位贴合算法开发	CHN_BHloveWT	刘乘昊 Chenghao Liu 姜宛彤 Wangtong Jiang
		Herbie Lawn Weed Sprayer	The Green Plains	Russell Hall Wendy Hall Adair Hall Baylen Hall
		Liquid crystal plate defect detection based on OPENCV	EYE OF VISION	杨祎宁 Yining Yang
		火灾场景中的火焰探测 Flame Detection in Fire Scenarios	天科四哈队	张雪奎 Xuekui Zhang 耿万鹏 Wanpeng Geng 冯昕怡 Xinyi Feng 张甜 Tian Zhang
		Automatic Liscence Plate Recognition	PSTINDO	Gilang Agung Saputra
			Polaris	杨镇郡 Zhenjun Yang

OpenCV AI Competition 2022 – Core OpenCV Track Winners

Award Type	Prize	Project Title	Team Name	Team Members
		三维视觉机械臂智能物体分拣 3D vision robot arm intelligent object sorting		陈林俐 Linli Chen
				毕馨方 Xinfang Bi
				戴安乐 Anle Dai
		Multiple-Person Background Removal Using Orbbec Femto Developer Kit	Farmhand	Guoxing Yang
		基于 OpenCV 的驾驶员状态检测系统 Driver state detection system using OpenCV	叶茜	叶茜 Qian Ye
		OpenCV based Sign Language Translator	Visionaries	N. Sree Dhyuti
				Vishal Akula
		EYECANE (I CAN) - A CANE WHICH VISUALISES SURROUNDINGS	DTU-AUV	Anupam Maurya
				Hriday Bhardwa
				Harjas Sing
				Vidushi Saxena
		移动+:基于YOLOv5场景识别 Mobile+: Scene Recognition based on YOLOv5	We校园	张粤 Yue Zhang
				陈颖琪 Yingqi Chen
				梁世杰 Shijie Liang
				陈静云 Jingyun Chen
		机器工件检测与分析工具 Machine Workpiece Inspection and Analysis Tools	贵科职院观花队	何延 Yan He
				赵克新 Kexin Zhao
		SEGMENTATION AND CLASSIFICATION OF LUNG CANCER USING OPENCV AND DEEPLARNING	AKHANDA	D. Saranyaraj
				Yellapragada Charan Krishna
				Thillai Manjari T
				Rajamgari Giris Teja
		Detect fire and instant alarm with Open CV Computer Vision	Save Soil	Syed Zakir Hossain
		Age, Gender And Emotion Detection	Coding@kolkata	Ayanjyoti Mondal
				Abhirup Kumar Bhowmick
				Debadityo Chowdhury



OpenCV AI Competition 2022 – Core OpenCV Track Winners

Award Type	Prize	Project Title	Team Name	Team Members
		使用 Opencv 来追踪火箭弹轨迹 Track Rocket Projectile Trajectory using OpenCV	南京信息工程大学火箭队	栾鸿康 Hongkang Luan
		基于 OpenCV 的潜水艇增强现实游戏 Submarine Augmented Reality Game using OpenCV	中量大小朋友队	林翔 Xiang Lin
				钱千亿 Qianyi Qian
				张悦丹 Yuedan Zhang
				杨雨航 Yuhang Yang