www.robotac.cn Email: robouni@163.com

Education Practice Innovation Technology

ROBOTAC

全国大学生机器人大赛[CURC]

China University Robot Competition

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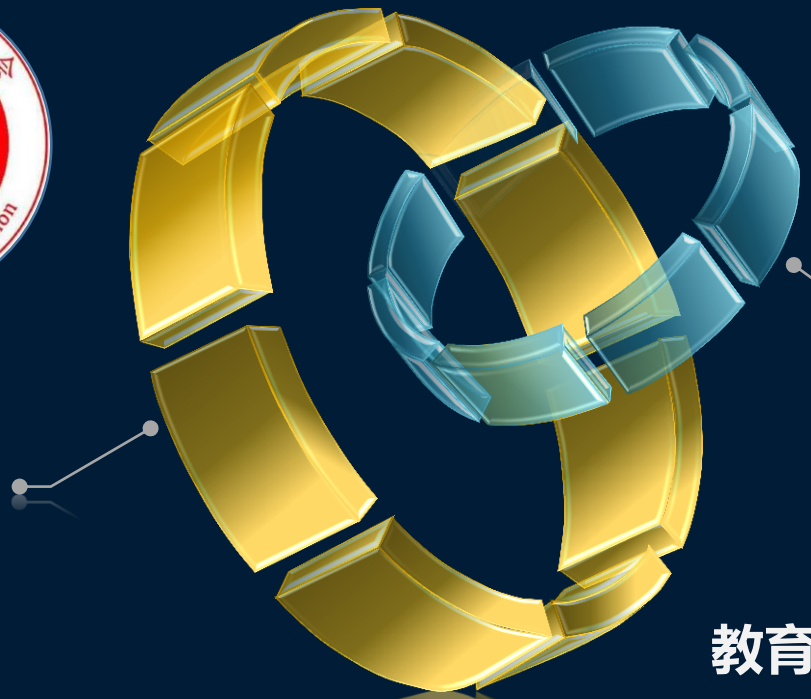
目录
Contents

简介Overview | 组织 Organization



主办
Administration

共青团中央
Communist Youth League Central Committee

全国学联
All-China Students' Federation

协办
Co-Organizer

教育部高等学校机械类专业教学指导委员会
教育部高等学校计算机类专业教学指导委员会
全国学校共青团研究中心

Ministry of Education mechanical specialty teaching guidance committee
Ministry of Education Computer Education Steering Committee
National Research Center for School League

简介 | Robotac

ROBOTAC

www.robotac.cn

ROBOTAC是中国原创的国家级机器人科技竞技赛事。Robotac是ROBOT（机器人）+TACTIC（策略、战略）的缩写。

Abbreviation of ROBOT and TACTIC, Robotac is a national technology athletic event originally created by China.

ROBOTAC秉承教育宗旨、创客实践精神，融合了电竞游戏的特点，以科技创新实践为基础，团队配合为策略，强化机器人对抗竞技的特点，让机器人科技竞技赛事更具科普性和娱乐性。

It is adhering to the principle of education and the spirit of practice maker. It also combines with the characteristics of e-sports games and is made on the basis of science and technology innovation practice. Besides, it takes team cooperation as the strategy and strengthens the characteristics of the robot against athletics, adding more educational and entertaining elements into the robot technology tournament game.

简介 | 规则 Rules

基地 Base

VS

基地 Base

自动机器人 Auto Robots

3 Min

自动机器人 Auto Robots

工程机器人 Engineering Robots

防御机器人 Defense Robots

防御机器人 Defense Robots

工程机器人 Engineering Robots

手动机器人 Telerobots

≤48Kg

手动机器人 Telerobots

仿生机器人 Legged Robots

车型机器人 Wheeled Robots

车型机器人 Wheeled Robots

仿生机器人 Legged Robots

简介 | 竞技场地 Arena

竞技对抗
Team battle

红蓝双方领地攻守

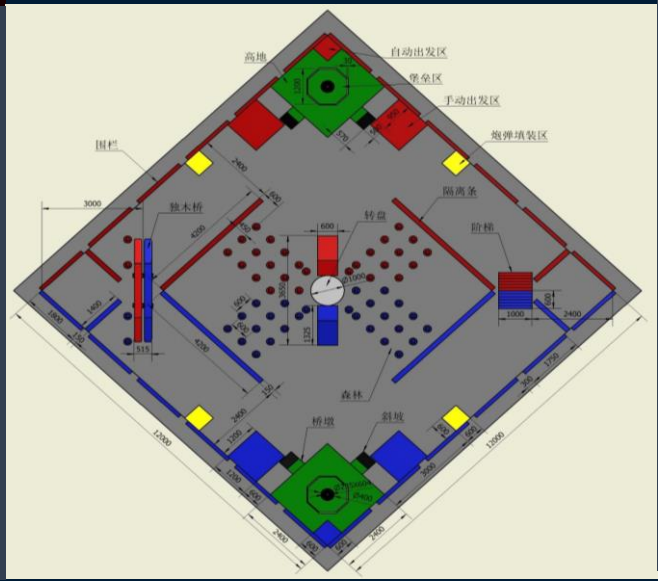
团队作战，激发竞技策略

Team fighting, motivating competitive strategy

地形多样
Multi terrain operations

引导不同**行走机构**技术实践

Various locomotion mechanisms



模块道具
Props

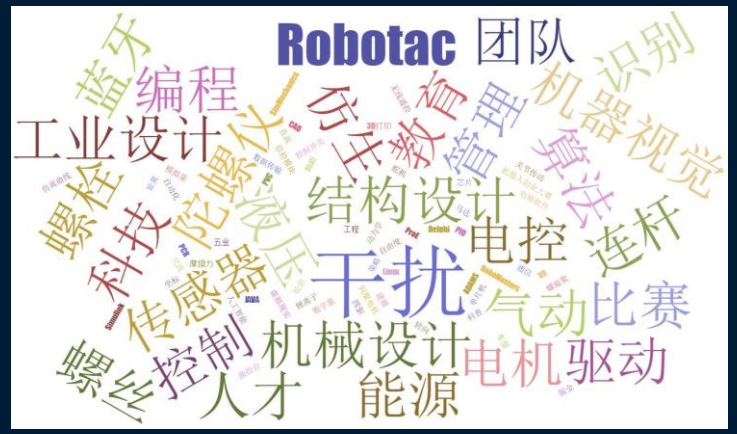
引导不同**执行机构**技术实践

Various executive units

简介 | 赛事特点 Feature

自主设计研发
Independent research and design

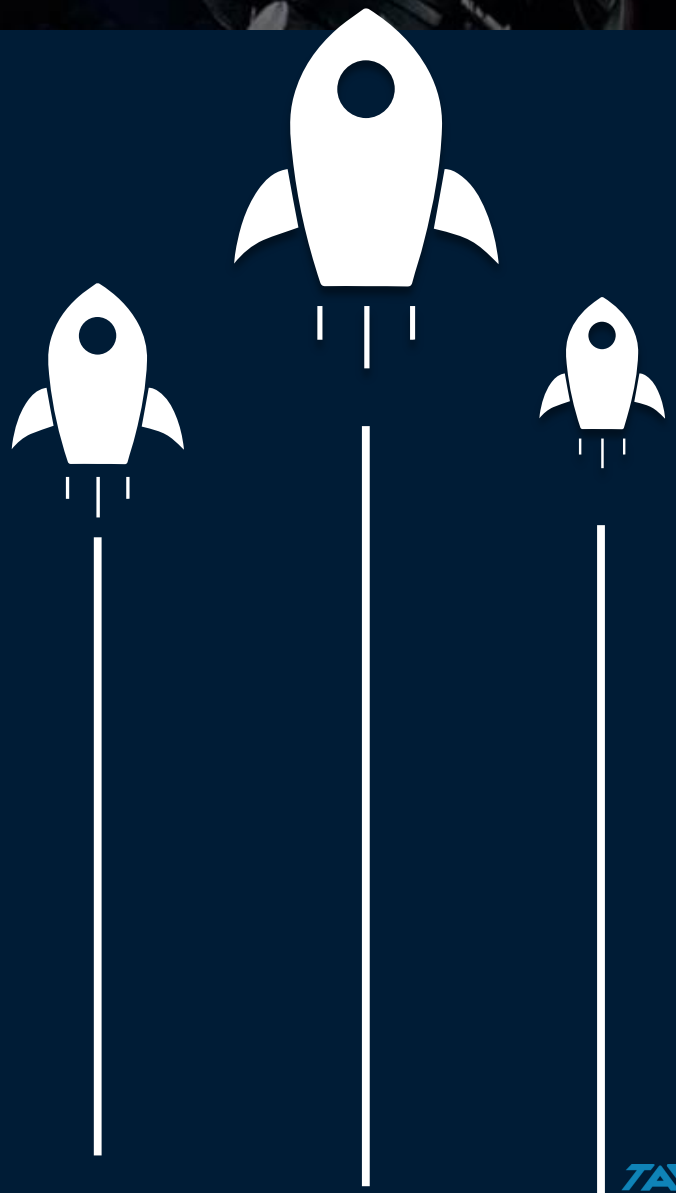
跨学科团队合作
Multi-discipline



竞技策略
Strategies

机器人对抗竞技
Robot team battle

简介 | 技术特点



1.机器人种类多样化：自主、遥控、轮式、仿生…；

2.遥操作机器人技术：FPV、临场感、Wifi、Zigbee…

3.自主机器人技术：视觉感知、多传感器融合、室内定位…

1.Variety of robot: autonomous, remote controlled, wheeled and bionic…;
2. Remote operating robot technology: FPV, line-sense, Wifi, Zigbee…;
3. Autonomous robotics: visual perception, multi-sensor fusion, indoor positioning

简介 | 赛程 Schedule

2017.11

2017.12

2018.04

2018.07

报名

Sign up

培训

Training

中期检查

Intermediate Inspection

决赛

Final

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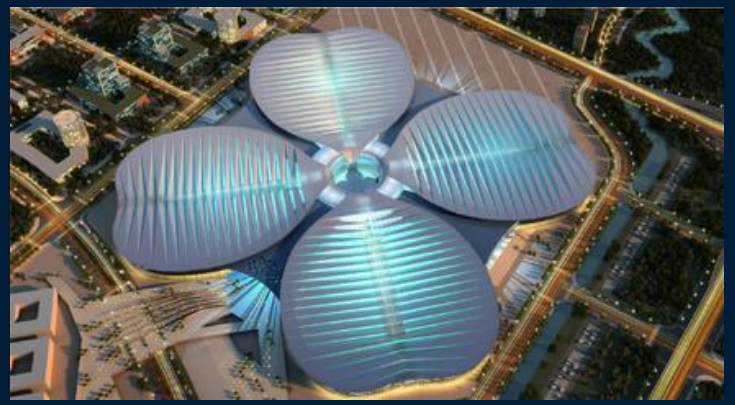
赛事回顾 | Robotac Review



2015 江苏.盐城
Jiangsu.Yancheng City

2016 上海
Shanghai City

CiROS 2016

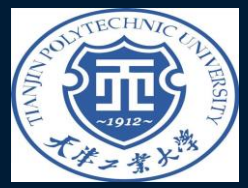
中国国际机器人展览会

www.ciros.com.cn

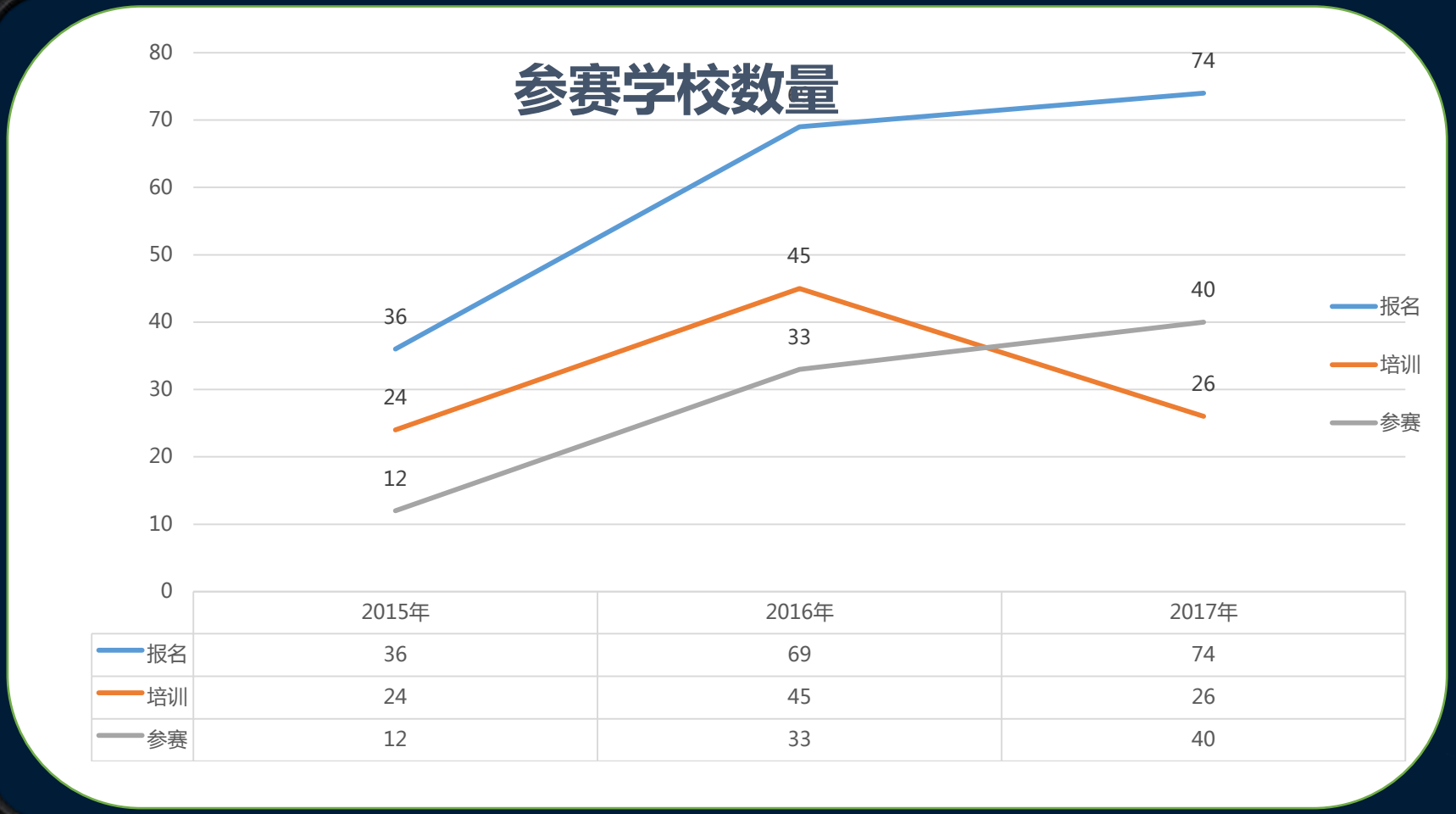
2017 东莞.松山湖
Dongguan City.Songshan Lake

TAC ROBOTAC

赛事回顾 | 参赛高校一览（部分） Participates

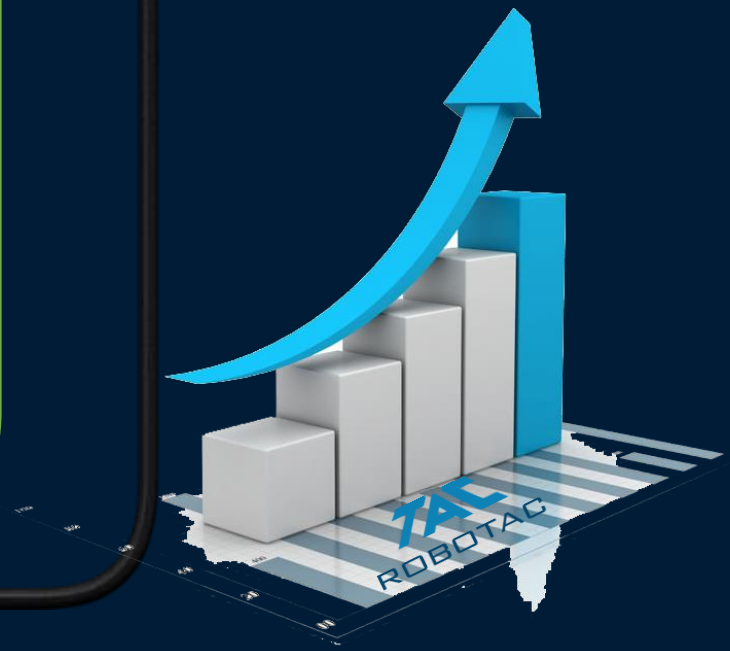


赛事回顾 | 数据 Data

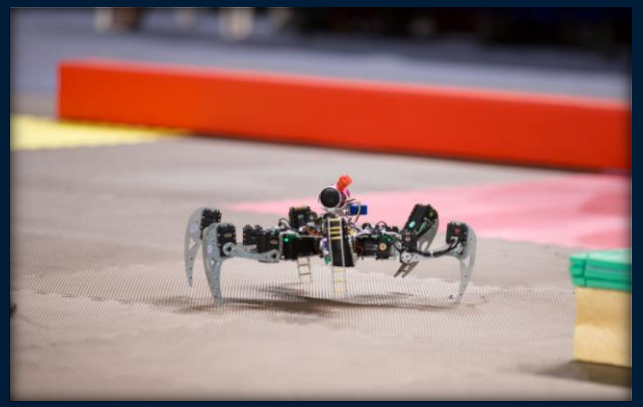


	2015年	2016年	2017年
报名	36	69	74
培训	24	45	26
参赛	12	33	40

Blue: Registration
Red: Training
Green: Competition



赛事回顾 | 精彩瞬间 Album

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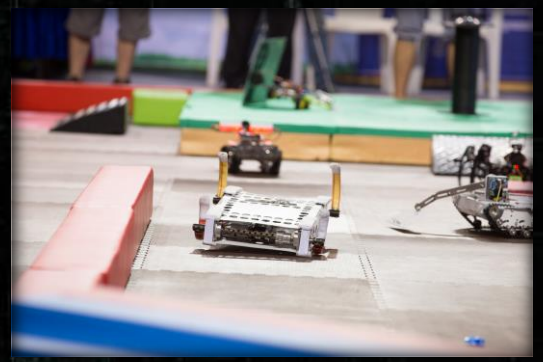
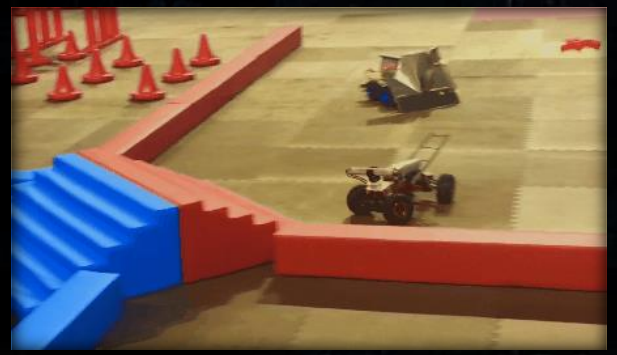
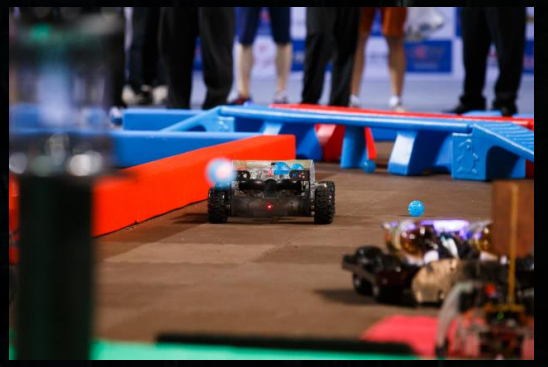
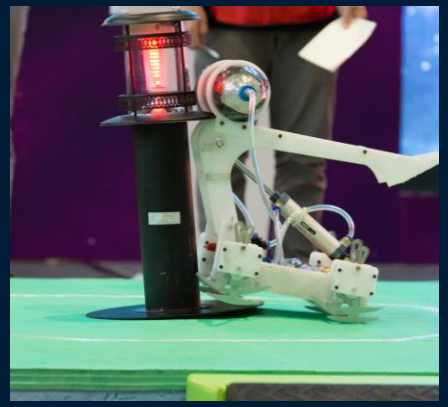


赛事回顾 | 精彩瞬间



赛事回顾 | 精彩瞬间

赛事回顾 | 精彩瞬间 Album

赛事回顾 | 直播视频 Live Streaming

2015直播

20万在线
20,000 Online

2016直播

42万在线
42,000 Online

2017直播

100万在线
1,000,000 Online

新华视频 www.news.cn/videc

iQIYI 爱奇艺

中国青年网 Youth.cn

DOUYU

視友 CUCTV.COM

赛事回顾 | 合作伙伴 Partners

JYD 竞业达
EVOLVER
DJI THE FUTURE OF POSSIBLE
CCTV 央视网 .com
中国青年网 Youth.cn
腾讯视频 V.QQ.COM

机器时代
凌阳爱普
GMIC
iQIYI 爱奇艺
乐视
新浪微博 weibo.com

宗旨与展望 Mission&Vision

教育 Education

●推动机器人创新创业教育发展与改革
●促进机器人科学技术知识的推广普及
●为中国机器人产业培育人才
●推动国际机器人领域交流

- Promoting robot innovation and entrepreneurship education development and reform
- Promoting the popularization and popularization of the knowledge of robot science and technology
- Cultivating talents for China's robot industry
- Promoting international robot exchanges

实践 Practice

●推动高校教育实践平台的建设
●推动高校机器人团队建设
●推动前沿技术及产品的应用

- Promoting the construction of education practical platform in colleges and universities
- Promoting the construction of university robot team
- Promoting the application of frontier technologies and products

科技 Science

●推动机器人技术创新
●推动机器人技术转化
●推动创新创业孵化

- Promoting the innovation of robot technology
- Promoting the transformation of robot technology
- Promoting innovation and entrepreneurship incubation

创新 Innovation

●激发参赛学生的创新思维和创新能力
●促进学生团队合作精神
●促进产学研合作

- Stimulating students' innovative thinking and innovation ability
- Promoting teamwork spirit among students
- Promoting cooperation in production and research

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Thanks

ROBOTAC

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