

Chinese International School, from Hong Kong SAR, China

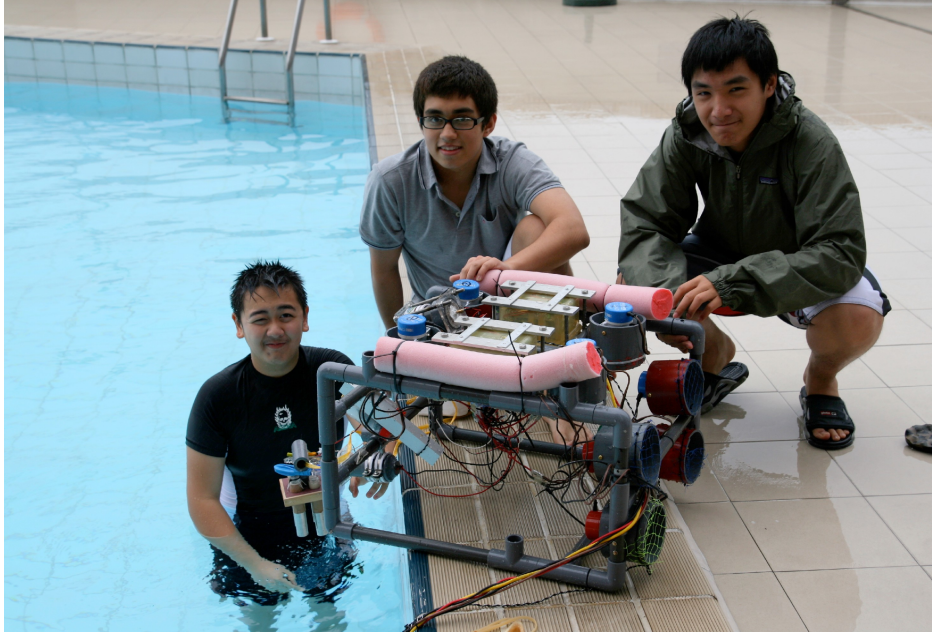


Photo 1: Team photo with robot. From left to right, Joe Pang, Benjamin Chasnov, Jonathan Chan

Team specs

Chinese International School, from Hong Kong SAR, China

First-time international MATE ROV competition participant

We have participated in the Hong Kong regionals in 2009 and 2010

We have traveled 9263 kilometres (5756 miles) to the international competition

Team members (entire team is attending the internationals)

Benjamin Chasnov, electronics and software engineer; Jonathan Chan, mechanical and safety engineer; and Joe Pang, logistics engineer.

(all of whom are 16 years old, going into the eleventh grade)

Teacher supervisor

Mr. Trevor Harris, Design Technology Teacher in Chinese International School

ROV SPECS

ROV Name	力 ² (li) (Chinese character for power)
Total Cost	HKD\$3075 (~USD\$400)
Primary materials used	Aluminum, PVC
Approximate dimensions in metric units	345mm x 545mm x 300mm
Total weight in AIR in kilograms	4kg
Safety features	Fuses, leak sensors, motor shrouds, temperature sensors, voltmeter and ammeter.
Special features	Joystick control, java program, serial communication for sensors, modular tools and DIY laser cut robotic arm