

# EIE 機械人 中小學生挑戰賽 2018：理電飛天



主辦機構：



## 簡介會

香港理工大學電子及資訊工程學系將於 2018 年 7 月 12 日舉辦「EIE 機械人中小學生挑戰賽 2018：理電飛天」，比賽將分為中學組和小學組舉行，歡迎中小學學生參加。通過參加這挑戰賽，

- 學生可以由零開始創造屬於自己的飛天機械人！
- 學生可以由零開始學習無人機的飛行原理及如何控制無人機！
- 學生學習用 3D 軟件自由設計飛天機械人組件！
- 學生學習創造的飛天機械人可以跟其它飛天機械人一起比賽！
- 香港理工大學電子及資訊工程學系提供工作坊，學生可以體驗大學的教育和學習生活！
- 香港理工大學電子及資訊工程學系和贊助機構會補貼部分製造飛天機械人的費用！
- 參賽完畢，學生可以保留自己的飛天機械人！
- 冠、亞軍可代表香港參加「理電飛天」國際賽！

挑戰賽截止報名日期：**2018 年 3 月 29 日**。

有關挑戰賽詳情，可瀏覽挑戰賽網址：<http://www.eie.polyu.edu.hk/rcj2018>。

為了讓學校更了解這個挑戰賽，主辦機構謹訂於 **2018 年 3 月 9 日（星期五）**下午 2 時 30 分至 4 時 30 分於香港理工大學 CD634 室舉辦是項挑戰賽的簡介會，誠意邀請各位校長及貴校相關負責老師出席，以共同協商參賽事宜。如貴校派員出席簡介會，請瀏覽網址：<http://www.eie.polyu.edu.hk/rcj2018> 並於 2018 年 3 月 8 日或之前於網頁提交您的資料，以便預留簡介會座位。

# EIE ROBOTIC CHALLENGE JUNIOR 2018: FLYING ROBOT



Organizers:



## Briefing Session

“EIE Robotic Challenge Junior 2018: Flying Robot” will be held by the Department of Electronic and Information Engineering, The Hong Kong Polytechnic University on 12 July 2018. There will be a secondary school session and a primary school session in the competition. Secondary and primary school students are welcome to join the Challenge. Through the competition,

- Students can create their flying robots from scratch!
- Students can learn the flying principle of a drone and the way to control a drone from scratch!
- Students can learn how to design some components of their flying robots by using 3D software!
- Their robots can compete with other robots!
- Our Department provides workshops for students to experience University life!
- Our Department and the sponsors will provide financial support in building flying robots!
- After the competition, students can keep their flying robots!
- The winner and the first runner-up can represent Hong Kong to join the “Robotic Challenge Junior 2018: Flying Robot (International)”!

The registration deadline of the Challenge is **29 March 2018**.

For more details, please visit the competition website at <http://www.eie.polyu.edu.hk/rcj2018>.

We will provide a briefing session for schools to understand the competition in a better way. The briefing session will be held on **9 March 2018 (Friday)**, from 2:30 pm to 4:30 pm, in Room CD634, The Hong Kong Polytechnic University. If you would like to join the briefing session, please fill in the online form at: <http://www.eie.polyu.edu.hk/rcj2018> on or before 8 March 2018 for reservation.