

合辦機構:

支持機構:



青少年發明家比賽 2017 - 海底奇「兵」

致校長／老師:

本人謹代表青少年發明家比賽 2017 籌備委員會，誠意邀請 貴校學生組隊參與我們舉辦的「青少年發明家比賽 2017」。

由英國機械工程師學會（香港分部）、香港工程師學會（機械，輪機，造船及化工分部）及美國機械工程師學會（香港分會）聯合舉辦的「青少年發明家比賽」，至今已踏入第十一屆。比賽的目的是希望透過比賽的過程，引導青少年運用科技創新及實踐能力解決生活問題，培養他們對工程專業及科學的興趣。是次比賽學生需組成團隊，應用機械及流體動力學原理，設計和建造一部用作運載乒乓球的戰船作賽。比賽日期為 2017 年 3 月 25 日（星期六）。

歷屆比賽成功的舉辦實有賴各中學老師及學生的積極參與。我們將舉辦簡介會，介紹本屆今年的比賽主題、安排及規則，以協助有意參加比賽的老師及學生了解是次比賽內容。屆時，盧覺強工程師將講解基本機械原理及進行簡單的實物示範，向各位師生進行比賽簡介。現誠邀各有意參加本屆「青少年發明家比賽 2017」的老師及學生，出席比賽簡介會。

簡介會舉辦詳情如下:

日期：2016 年 12 月 17 日(星期六)

時間：上午 10 時至中午 12 時

地點：香港理工大學 Y302 演講廳

註：是次簡介會將會派發比賽所需用品，請務必出席。

隨函附上比賽章程、宣傳海報及報名表格，比賽報名截止日期為 **2016 年 11 月 14 日(星期一)**，敬請有意參賽的老師及學生，於截止報名日期前填妥報名表格並電郵至 yic2016@younginventor.hk。詳情可瀏覽網址 <http://www.younginventor.hk> 或 Facebook 專頁 <https://www.facebook.com/YoungInventorCompetition>。

耑此奉達，敬候賜覆，並頌台祺。

青少年發明家比賽 2017
籌備委員會主席
姚敏慧女士
二零一六年十月二十五日

Co-organizers:



Supporting Organizer:

Friday, 25 October 2016

Dear Principal / Teacher,

Invitation to the Young Inventor Competition 2017 – Ping-Pong Navy

On behalf of the Young Inventor Competition 2017 Organizing Committee, your students are cordially invited to the **Young Inventor Competition 2017**.

The Young Inventor Competition is an annual joint project hosted by the Institution of Mechanical Engineers (Hong Kong Branch), the Mechanical, Marine, Naval Architecture and Chemical (MMNC) Division of Hong Kong Institution of Engineers and the American Society of Mechanical Engineers (HK Section). This year would be its 11th competition. The objective of this project is to encourage youngsters to apply creativity, knowledge in science and problem-solving skills to accomplish challenges which help develop their sense of interest in engineering and science. In this year's competition, students are required to form a team to design and build a battleship for a ping-pong delivery by applying the knowledge of mechanics and fluid dynamics. The competition date will be on **25 March 2017, Saturday**.

The Young Inventor Competition has been hugely successful in the past. We thanks to the keen interest and support received from teachers and students. A briefing session will be conducted by Ir K K LO to introduce the competition and explains related regulations, which would be useful for teachers and students interested in this event.

The details of the briefing session are as follow.

Date: 17 December 2016, Saturday

Time: 10:00a.m. to 12:00 noon

Venue: Lecture Theatre Y302, The Hong Kong Polytechnic University.

Note: Please attend this briefing session as critical parts for the competition will be supplied on that day.

Ir LO will explain the basic mechanical theories required while models will be used for demonstration purposes during the briefing session. We sincerely invite those who wish to take part in the Young Inventor Competition 2016 to attend this briefing session.

We enclose herewith the competition rules (Chinese version only), posters and application form. The application form could be sent to the "Young Inventor Competition 2017 Organizing Committee" by e-mail at yic2016@younginventor.hk before **14 November 2016, Monday**. For any enquiries, please feel free to visit our official site: <http://www.younginventor.hk> or Facebook Fans Page <https://www.facebook.com/YoungInventorCompetition>. We look forward to hearing from you soon.

Yours sincerely,

Ashley Yiu

Chairperson

Young Inventor Competition 2017 Organizing Committee