

合辦機構:



支持機構:

青少年發明家比賽 2018 – 蒸汽船大作戰

致 校長／老師:

本人謹代表青少年發明家比賽 2018 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 2018」。

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」，至今已踏入第十二屆。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直徑為 23 毫米膠球的蒸汽船作賽。比賽日期為 2018 年 3 月 17 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比賽的主題、規則及安排，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蒸汽引擎的基本機械原理，教授製作方法，以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 2018」的老師及學生，出席比賽簡介會。

簡介會舉辦詳情如下:

日期： 2017 年 12 月 16 日 (星期六)

時間： 上午 10 時至中午 12 時

地點： 香港理工大學 N001 演講廳

註： 是次簡介會將會派發比賽所需用品，請務必出席。

隨函附上宣傳海報及報名表格，比賽報名截止日期為 **2017 年 12 月 1 日(星期五)**，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 info.younginventor@gmail.com。詳情請可瀏覽網址 <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 2018
籌備委員會主席
江卓琳女士
二零一七年十一月二十七日

合辦機構:



支持機構:

27 November 2017, Monday

Young Inventor Competition 2018 – Steamboat

Dear Principal / Teacher,

On behalf of the Young Inventor Competition 2018 Organizing Committee, we are pleased to invite your students to participate in **Young Inventor Competition 2018**.

Co-organized by the Institute of Mechanical Engineers (IMECHE), the Hong Kong Institution of Engineers, Mechanical, Marine, Naval Architecture & Chemical Division (HKIE, MMNC Division), and the American Society of Mechanical Engineers (ASME), the Young Inventor Competition enters its 12th year. The objective of this project is to encourage youngsters to apply creativity, knowledge in science and problem-solving skills to accomplish challenges that help develop their sense of interest in engineering and science. The theme of the competition for this year is “Steamboat”. Students are required to work in a team, collaboratively design and build a steamboat that used to deliver a plastics ball of diameter 23 mm by applying mechanical and fluid dynamics knowledge. The competition will be held on 17 March 2018, 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, instruct the mechanism of steam engine, and explains related regulations, which would be useful for teachers and students interested in this event. All teachers and students interested in joining the competition are cordially invited to attend this briefing session.

The details of the briefing session are as follow.

Date: December 16, 2017 (Saturday)

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

Venue: N001, the Hong Kong Polytechnic University.

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

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 by **December 1, 2017 (Friday)**. 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,

Sally Kong

Chairperson

Organizing Committee

Young Inventor Competition 2018