**青少年發明家比賽 2016 – 雷霆救「乒」**

致 校長/老師,

本人謹代表青少年發明家比賽2016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 2016」。

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用途的太陽能船隻作賽。比賽日期為 **2016年3月12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。

簡介會舉辦詳情如下﹕

日期：            2015年12月19日 (星期六)

時間：            上午10 時至中午12時

地點：            香港理工大學 演講廳 PQ 304

**註︰**是次簡介會將會派發比賽所需用品，請務必出席。

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 2016＞的老師及學生，出席比賽簡介會。

隨函附上宣傳海報及報名表格，比賽報名截止日期現已延至2015年11月16日(星期一)，敬請有意參加簡介會的老師及學生，於截止報名日期前透過電郵 [yic2016@younginventor.hk](mailto:yic2016@younginventor.hk) 或傳真 2365 4703 回覆，詳請可瀏覽網址[http://www.younginventor.hk](http://www.younginventor.hk/)或Facebook專頁[https://www.facebook.com/YoungInventorCompetition](https://www.facebook.com/YoungInventorCompetition" \t "_blank) ，查詢電話 2766 6652。

耑此奉達，敬候賜覆，並頌台祺。

葉文通先生

籌委會主席

青少年發明家比賽2016籌備委員會

二零一五年八月十四日

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**Young Inventor Competition 2016 – Solar Ping-Pong Landing Craft**

Dear Principal / Teacher,

On behalf of the Young Inventor Competition 2016 Organizing Committee, we are pleased to invite your students to participate in [Young Inventor Competition 2016].

Young Inventor Competition is 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) and this year it is the 10th Young Inventor Competition. The aim of this competition is to lead teenagers to use innovative technology and practical skills to solve daily problems and cultivate their interest on engineering and science through the process of competition. This year, they are required to form a group, cooperatively design and build a solar landing craft that used to deliver a ping-pong by using mechanical and fluid dynamics knowledge.

Our successes on past competition are highly relied on the support from every school’s teachers and students. We will organize a briefing session in order to introduce the theme, arrangements and rules of this year competition. This is to assist any teachers and students that are interested to join to be able to understand more about the competition.

The details of briefing sessions are as follow:

Date: December 19, 2015 (Saturday)

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

Venue: PQ304, The Hong Kong Polytechnic University.

Note: Competition necessary items will be distributed during the briefing session, please be sure to attend.

During the briefing session, Ir K.K. LO will explain the basic mechanism and demonstrate a simple scenario of the competition, He will also brief on the competition details. Any teachers and students that are interested to join <Young Inventor Competition 2016> are cordially invited to attend this briefing session.

Attached please find the promotional poster and registration form. The deadline for registration has been extended to **November 16, 2015 (Monday)**. Any teachers and students that are interested please reply us with the registration form via email [yic2016@younginventor.hk](mailto:yic2016@younginventor.hk) or fax 2365 4703 before the registration deadline. More details can be found on [http://www.younginventor.hk](http://www.younginventor.hk/) or Facebook page <https://www.facebook.com/YoungInventorCompetition> , or inquiry phone number 2766 6652.

Yours Sincerely,

Mr. Tony Yip

Chairperson

Young Inventor Competition 2016 Organizing Committee