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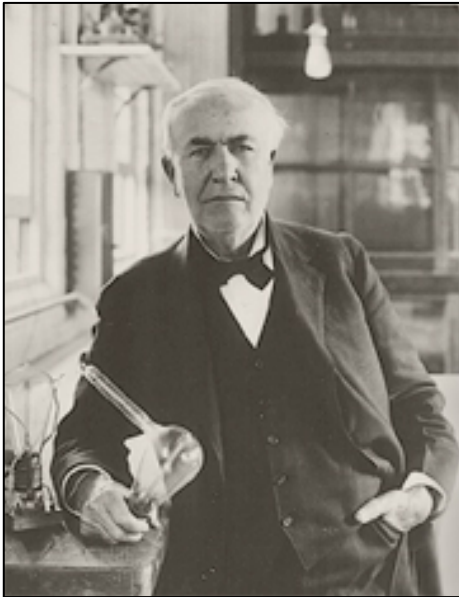
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Founding officers of the American Institute of Electrical Engineers in 1884:



Thomas A. Edison



Alexander Graham Bell

協會前身之二：無線電工程師協會

Founding member of the Institute of Radio Engineers in 1912:



*AIEE & IRE merged in
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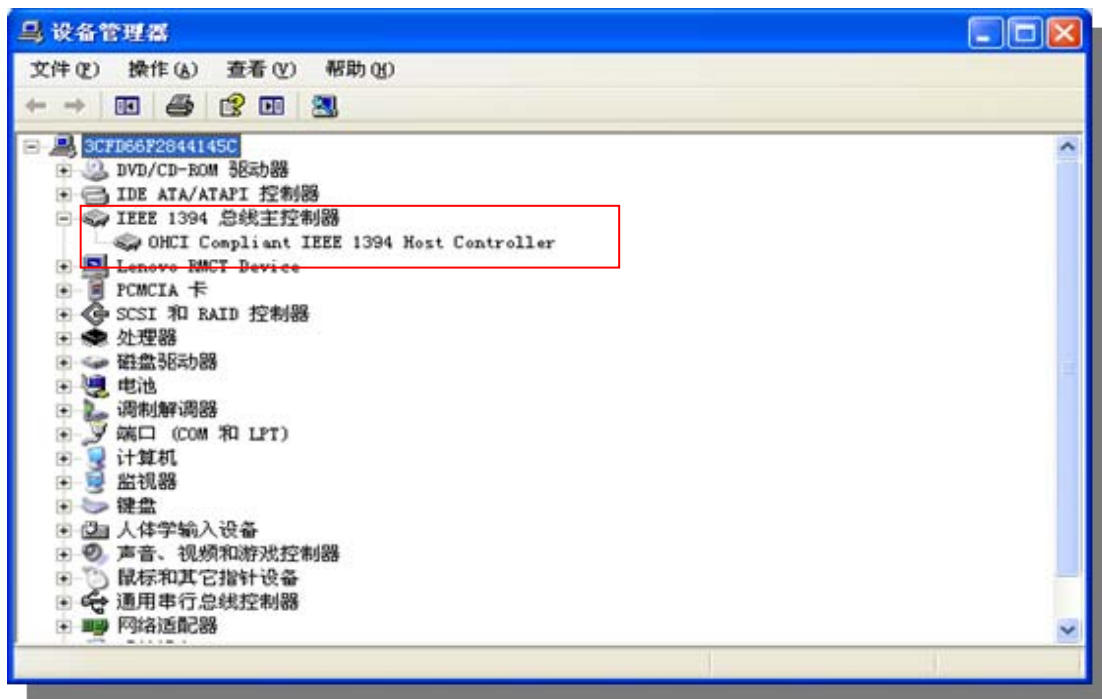
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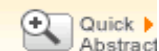
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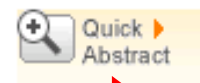
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ABSTRACT

This paper presents an approach to the definition of an object-oriented integrated environment for computer-aided control systems design. Today's specialised CACSD tools are software programs that deal in detail with single processes of control systems design. Such tools offer better control of the processes they model than generic CACSD packages-all-in-one tools with

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ABSTRACT 摘要

A celebratory book honoring the award winners of the past century from the AIEE, IRE and IEEE.

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Canny, John
Pattern Analysis and Machine Intelligence, IEEE Transactions on
Volume: PAMI-8 Issue: 6 Date: Nov. 1986 Page(s):679 - 698
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2010 IEEE International Technology Conferen

| May 2010 | | | | | | |
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| 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| 30 | 31 | | | | | |

Click shaded dates to see conferences
Click arrows to view other months

IEEE每年在台灣舉辦數場會議

查看IEEE所有最新活動訊息請登錄：

http://www.ieee.org/conferences_events/index.html

成為IEEE會員

□ 會員權益

- ❖ IEEE Spectrum Magazine
- ❖ IEEE E-Books Classics
- ❖ IEEE.tv 2.0
- ❖ IEEE JobSite
- ❖ IEEE會議折扣
- ❖ 每年IEEE向會員提供多項獎勵和獎金計畫。
- ❖ 分會會員服務（雜誌，新聞，線上講座，課程等）

| 美金 | 會員 | 學生會員 |
|----|---------|--------|
| 全年 | \$141.0 | \$27.0 |
| 半年 | \$70.5 | \$13.5 |

- 電子會員：享有IEEE會員的所有權利，只是不再接收紙類印刷品包括Spectrum, Potentials和Institute。
- 代繳服務：正式會員請聯繫本地分會詢問是否提供代繳服務。
- IEEE全球網站 [Http://www.ieee.org/join](http://www.ieee.org/join)
- IEEE台北分會 [Http://www.ieee.org.tw](http://www.ieee.org.tw)

IEEE學生會員的獨享權益

獲得IEEE學生獎項（多項獎學金，論文大賽，各種競賽活動等）

獲得會議旅遊資助

參觀著名企業/科技機構實驗室

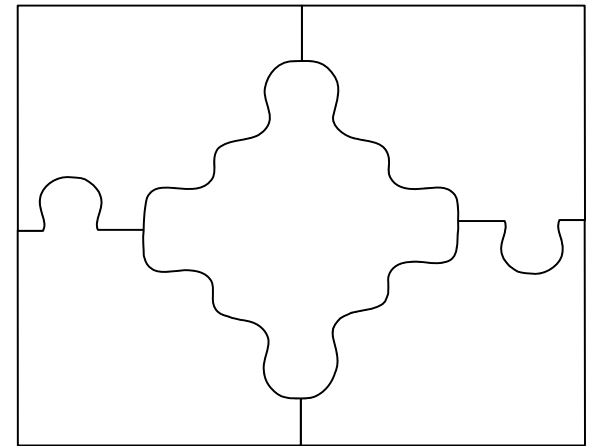
參與國際/國內學生分會間交流活動

免費參加各種學術交流活動

免費參加IEEE網上學生專題講座

免費參加職業發展主題活動，和企業會員面對面溝通

獲得志願者證書，提升職業能力



http://www.ieee.org/membership_services/membership/students/index.html

IEEE 學生獎學金和資助

IEEE每年向學生會員和學生分會提供多種形式的獎勵，包括：

- 學生獎勵
- 獎學金
- 學生分會獎勵
- 學生論文大賽

■ <http://www.ieee.org/meml/awards/index.html>

General awards for active IEEE Student members

- » [IEEE President's Change the World Competition](#)
- » [IEEE Student Enterprise Award](#)
- » [IEEE MGA Board Larry K. Wilson Regional Student Activities Award](#)
- » [IEEE Industry Applications Society Myron Zucker Travel program](#)

Graduate scholarships, fellowships, and awards

- » [IEEE Charles LeGeyt Fortescue Fellowship](#)
- » [IEEE Components, Packaging, and Manufacturing Technology Society -- Graduate Fellowship for Research on Electronic Packaging](#)
- » [IEEE Dielectrics and Electrical Insulation Society Graduate Student Fellowship](#)
- » [IEEE Electron Devices Society Graduate Student Fellowship](#)
- » [IEEE Photonics Society Graduate Student Fellowship Program](#)
- » [IEEE Life Members' Fellowship in Electrical History](#)
- » [IEEE Life Member Graduate Study Fellowship](#)
- » [IEEE Microwave Theory and Techniques Society Graduate Fellowships](#)
- » [IEEE Computational Intelligence Society Conference Travel Grants](#)
- » [IEEE Computational Intelligence Society Summer Research Grant](#)
- » [IEEE Nuclear and Plasma Sciences Society Graduate Scholarship Award](#)
- » [IEEE Solid-State Circuits Society Pre-Doctoral Fellowship](#)

參與 IEEE Standard Mini-Grant

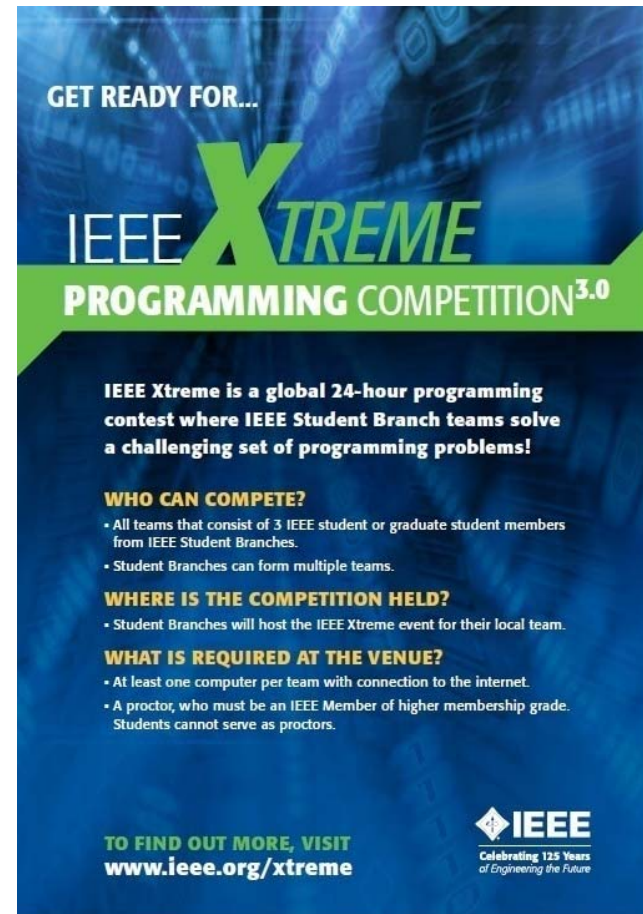
- IEEE 提供Mini-grants 給予大學生及研究生的獎勵活動。
- 獎學金金額 **US\$500** 給予參與學生，另同時提供獎金給予指導者。
- 學生在開始設計或開發一個工業標準時，必須提交一份簡介，描述專案的目標。如學生的建構藍圖等。



http://www.ieee.org/education_careers/education/standard_s/applications.html

IEEE Xtreme Programming Competition

- What is it?
 - IEEE*Xtreme* is a worldwide contest in which teams of students compete over a 24-hour time span against each other to solve a set of programming problems
- Who participates?
 - Teams of 2-3 students/graduate students and their proctors
- Why is it unique?
 - Worldwide, simultaneous!
 - International bragging rights
 - **Top prize is a trip anywhere in the world to the IEEE event of the top team's choice**



GET READY FOR...

IEEE XTREME

PROGRAMMING COMPETITION^{3.0}

IEEE Xtreme is a global 24-hour programming contest where IEEE Student Branch teams solve a challenging set of programming problems!

WHO CAN COMPETE?

- All teams that consist of 3 IEEE student or graduate student members from IEEE Student Branches.
- Student Branches can form multiple teams.


WHERE IS THE COMPETITION HELD?

- Student Branches will host the IEEE Xtreme event for their local team.

WHAT IS REQUIRED AT THE VENUE?

- At least one computer per team with connection to the internet.
- A proctor, who must be an IEEE Member of higher membership grade. Students cannot serve as proctors.

TO FIND OUT MORE, VISIT
www.ieee.org/xtreme

 **IEEE**
Celebrating 125 Years
of Engineering the Future

IEEE President's Change the World Competition



- Global Student Contest
- The goal: identify a real-world problem and apply engineering, science, computing and leadership skills to solve it.
- 2011 winners will be presented at IEEE Medal of Honor Ceremony: **UK Imperial College London, Hamayun (lead). Topic: Full-Scaled National Electric Grid.**

WHAT COULD I WIN?

| | |
|--|------------|
| IEEE Student Humanitarian Supreme | US\$10,000 |
| IEEE Distinguished Student Humanitarian | 5,000 |
| IEEE Exceptional Student Humanitarian | 2,500 |
| Up to five Outstanding Student Humanitarian prizes | 1,000 |

The screenshot shows the website's header with the IEEE logo and the title 'Presidents' Change the World Competition'. Below the header are navigation tabs for 'Home', 'Past Winners', and 'Submission'. The main content area features a photograph of three young people looking at a laptop, with a globe of the Earth in the background. The text reads: 'Can You Change the World? Show us how and you could win US\$10,000'. At the bottom, there is a blue banner with the text: 'IEEE Presidents' Change the World Competition' and 'The 2011 IEEE Presidents' Change the World competition registration is now open. See the official rules for more details.'

<http://www.ieee125.org/change-the-world/index.html>



IEEE 免費線上英文講座

- Spectrum免費講座，涉及最新科技：
<http://spectrum.ieee.org/webinar/>
- Communication Society免費講座，涉及通信領域熱點技術：
<http://www.comsoc.org/webinars>
- GOLD社團免費講座，涉及職業發展，人文，科技等內容：
http://www.ieee.org/membership_services/membership/gold/events/index.html
- 加入志願者虛擬社團，獲得行業最新諮詢：
<https://www.ieeecommunities.org/>



Question?

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