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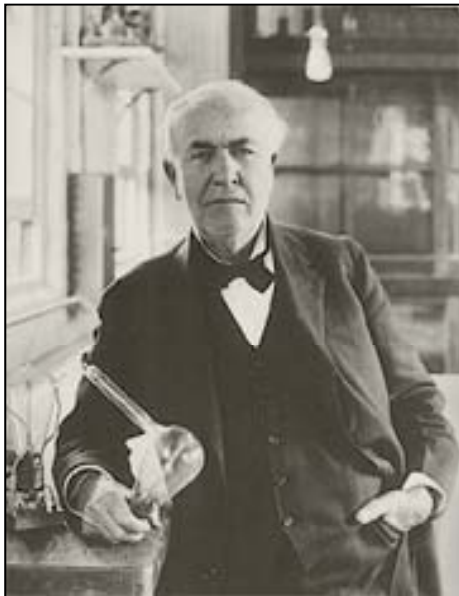
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協會前身之一：美國電子工程師協會

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

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*AIEE & IRE merged in
1963 to form the IEEE*

Guglielmo Marconi



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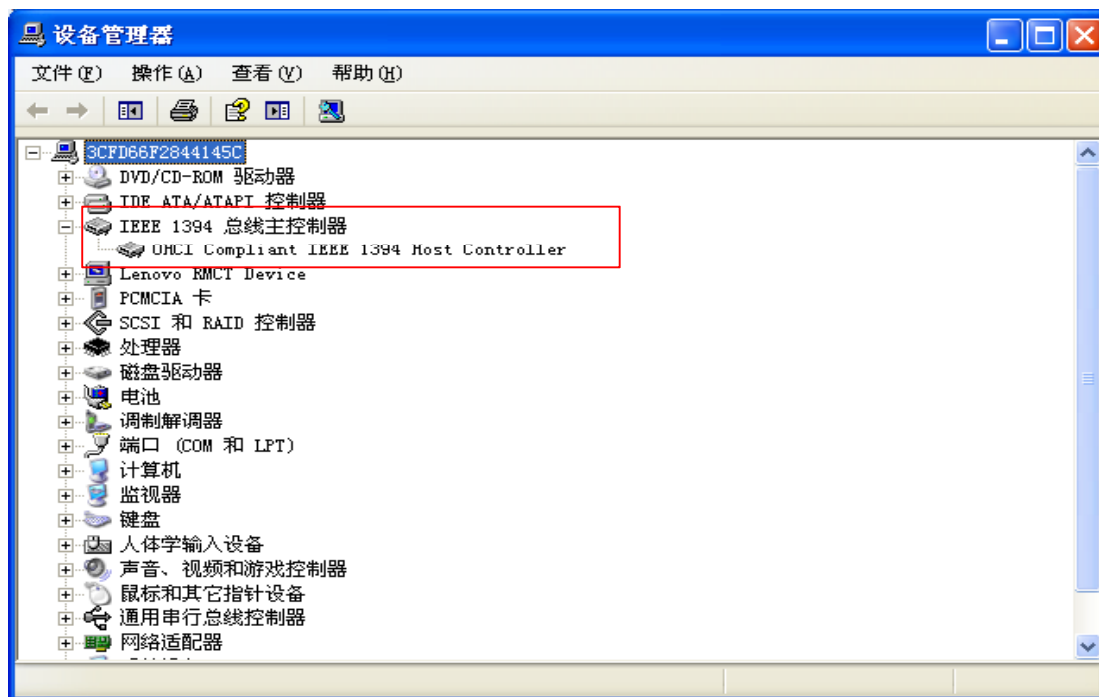
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IEEE 802.16 Broadband Wireless Access Standard

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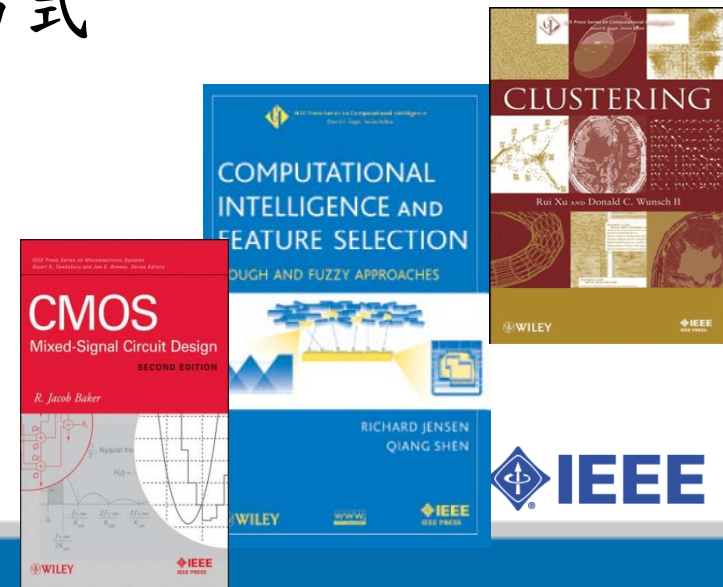
IEEE 802.11 Wireless Local Area Networks (WLAN) Standard

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Integration using a unified model for CACSD



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

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☐ Flammini, A. (45)
☐ Hashimoto, H. (44)
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- ☐ Wireless, Mobile and Sensor Networks, 2007. (CCWMSN07). IET Conference on (274)

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Ren Yueqing; Xu Lixin;

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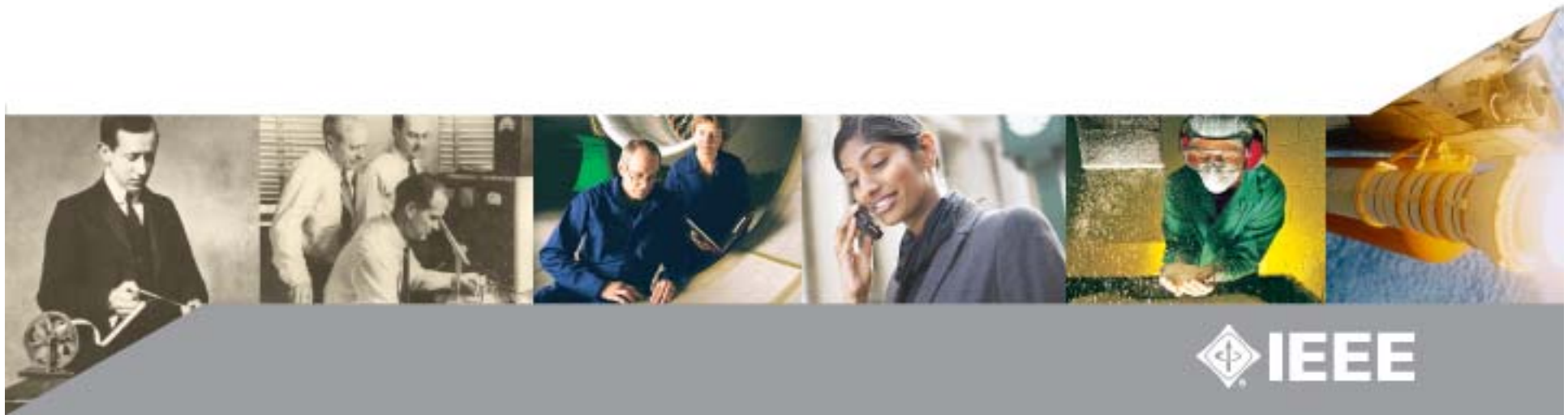
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Canny, John
Pattern Analysis and Machine Intelligence, IEEE Transactions on
Volume: PAMI-8 Issue: 6 Date: Nov. 1986 Page(s):679 - 698
Digital Object Identifier : 10.1109/TPAMI.1986.4767851
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- IEEE台灣台北分會於1974年成立
網址<http://www.ieee.org.tw/>



IEEE會議在台灣

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◆ Upcoming conferences and events

2010 9th International Conference on Environment and Electrical Engineering (EEEIC)

Promotes a forum where people involved with electrical power systems may exchange their experiences and present solutions found for actual and future problems.

16 May - 19 May 2010 | Prague, Czech Republic

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2010 IEEE International Symposium on Circuits and Systems (ISCAS)

The symposium focuses on circuits and systems employing nanodevices and circuit fabrics and their implementation cost, switching speed, energy efficiency, and reliability.

30 May - 2 June 2010 | Paris, France

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IEEE每年在台灣舉辦數場會議

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

成為IEEE會員

□ 會員權益

- ❖ IEEE Spectrum Magazine
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- ❖ 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>
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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

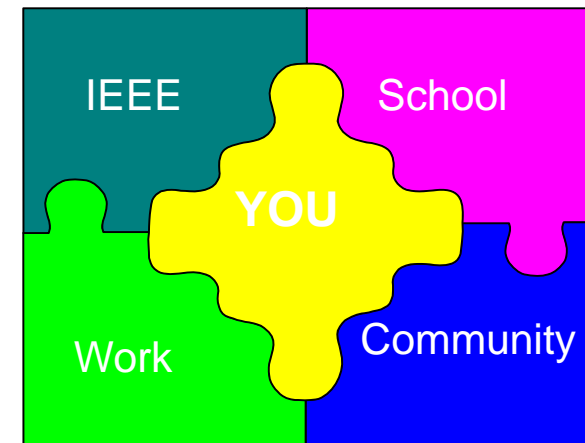
參與國際/國內學生分會間交流活動

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/standards/applications.html



IEEE Xtreme Programming Competition

■ What is it?

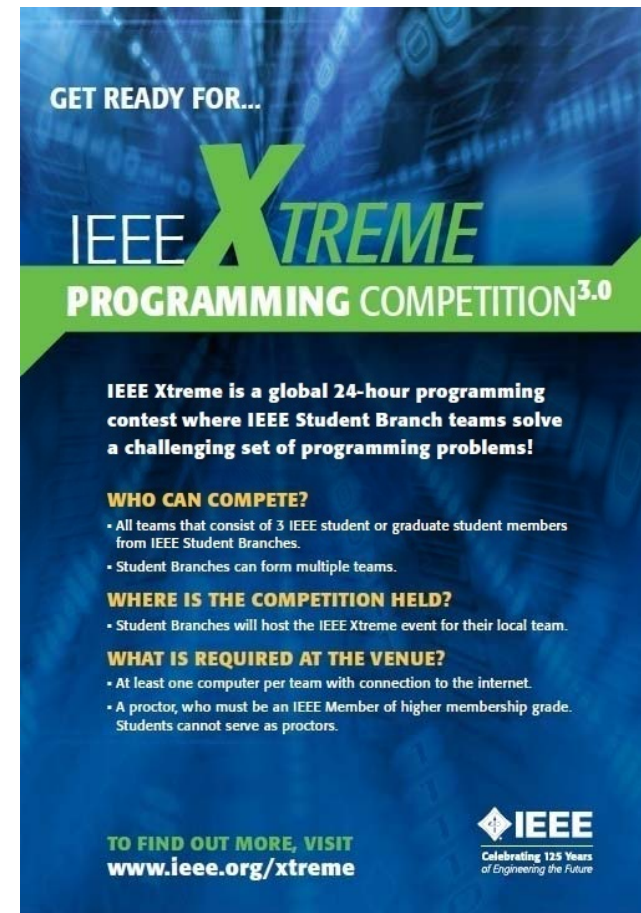
- IEEE*Xtreme* is a worldwide contest in which teams of students compete over a 24-hour time span against each other to solve a set of programming problems

■ 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**



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 IEEE Presidents' Change the World Competition website. At the top is the IEEE logo and the title "Presidents' Change the World Competition". Below this are navigation tabs for "Home", "Past Winners", and "Submission". The main banner features a photo of three students looking at the camera with the text "Can You Change the World? Show us how and you could win US\$10,000". Below the banner is a blue bar with the text "IEEE Presidents' Change the World Competition". At the bottom, a small text line reads: "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>



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