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- IEEE獎學金、競賽

關於IEEE

- 全球最大的技術行業協會，成員遍布160多個國家地區，會員超過40萬人
- 五大核心領域
  - 出版
  - 會議
  - 標準
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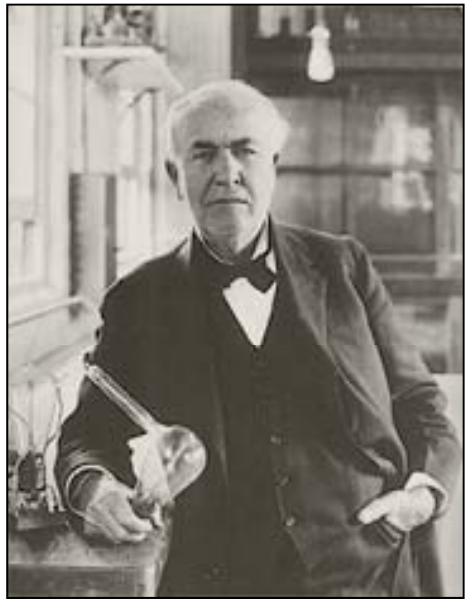
The Institute of Electrical and Electronics Engineers = IEEE ?

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

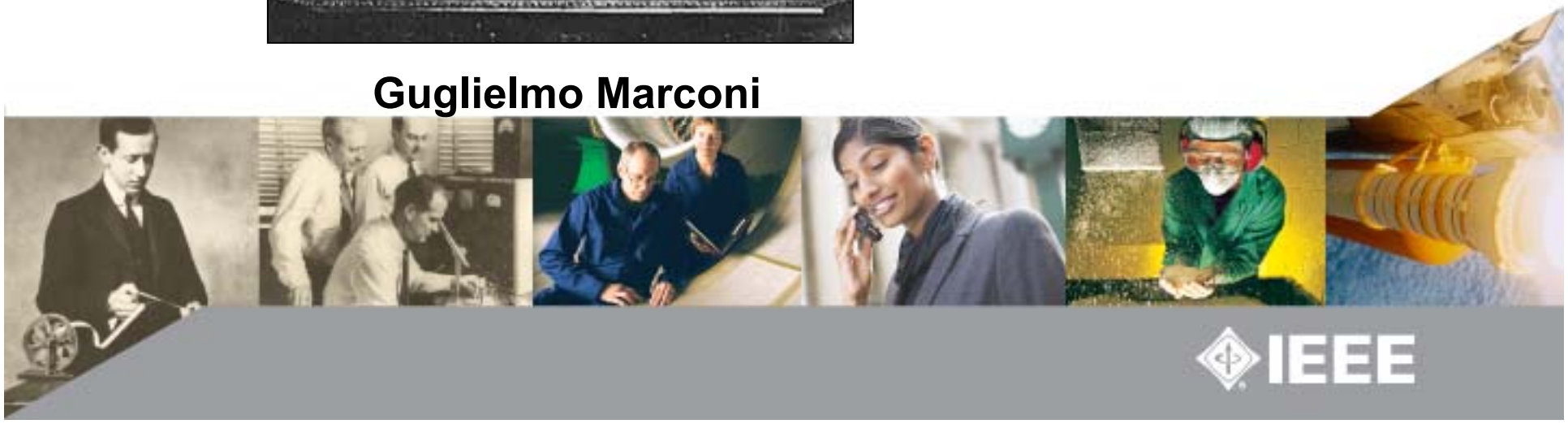
Alexander Graham Bell

協會前身之二：無線電工程師協會

Founding member of the Institute of Radio Engineers in 1912:

Guglielmo Marconi

AIEE & IRE merged in 1963 to form the IEEE



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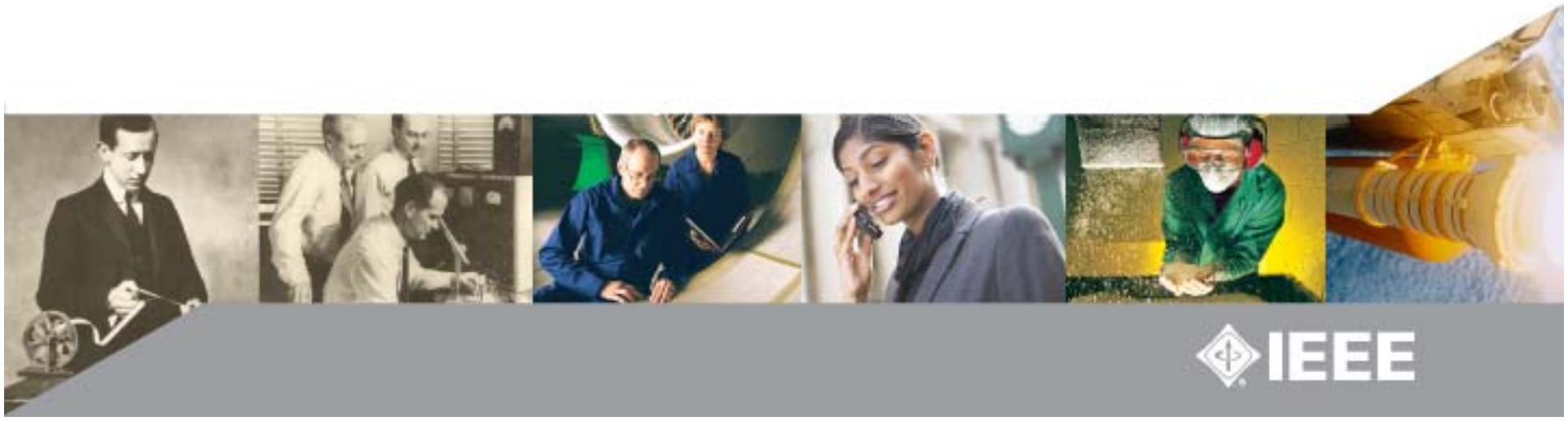

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IEEE (Institute of Electrical and Electronic Engineers)

美國電子電機工程師學會

IET (Institute of Engineering and Technology)

英國工程技術學會

IEEE

IEEE內容覆蓋所有尖端科技領域

More than just electrical engineering & computer science

renewable energy

AEROSPACE

communications

SMART GRIDS

optics

INFORMATION TECHNOLOGY

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IEEE/ IET 會議論文

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- 文獻收錄量達1,800,000份

IEEE Standard - IEEE 技術標準

IEEE 技術標準組織成立於**1884**年，引領著全球技術標準的發展，涵蓋領域包括:電信、資訊科技及動力能源。

最受矚目的標準之一 **:802** 系列標準

IEEE 802.3 — 乙太網路

IEEE 802.11 — 無線網路

IEEE 802.16 — 寬頻無線接取

技術標準狀態：

Active. Archived. Withdrawn. Draft

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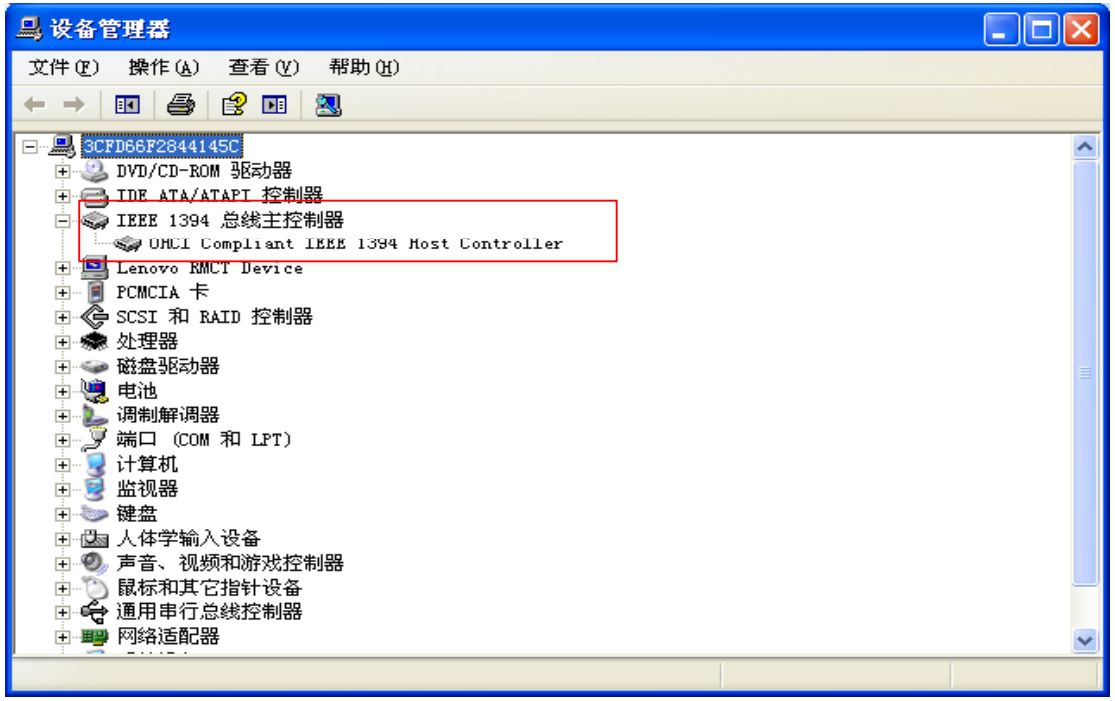

參與IEEE標準的台灣企業會員有

仁寶電子、華得、英業達、廣達、旭電及偉創資通等。

台灣參與的IEEE標準

- IEEE 802.16 Broadband Wireless Access Standard

  IEEE無線寬頻存取標準

  - 台灣大學
  - 淡江大學
  - 宜蘭大學
  - 工研院
  - 聯發科
  - 資策會

- IEEE 802.11 Wireless Local Area Networks (WLAN) Standard

  IEEE無線區域網通用標準

  - 瑞昱半導體
  - 宏達電
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  - 聯發科
  - 國立台灣大學

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IBM Journal of Research and Development
IBM 期刊

IBM專業期刊資源

- IBM Journal of Research and Development(1957至今)
- IBM Systems Journal (1962~2008)

- IBM Systems Journal 2009年併入IBM Journal of Research and Development
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  (ISI JCR 2009)
- 被電腦軟硬體相關專利引用超過1,700次的研究文獻
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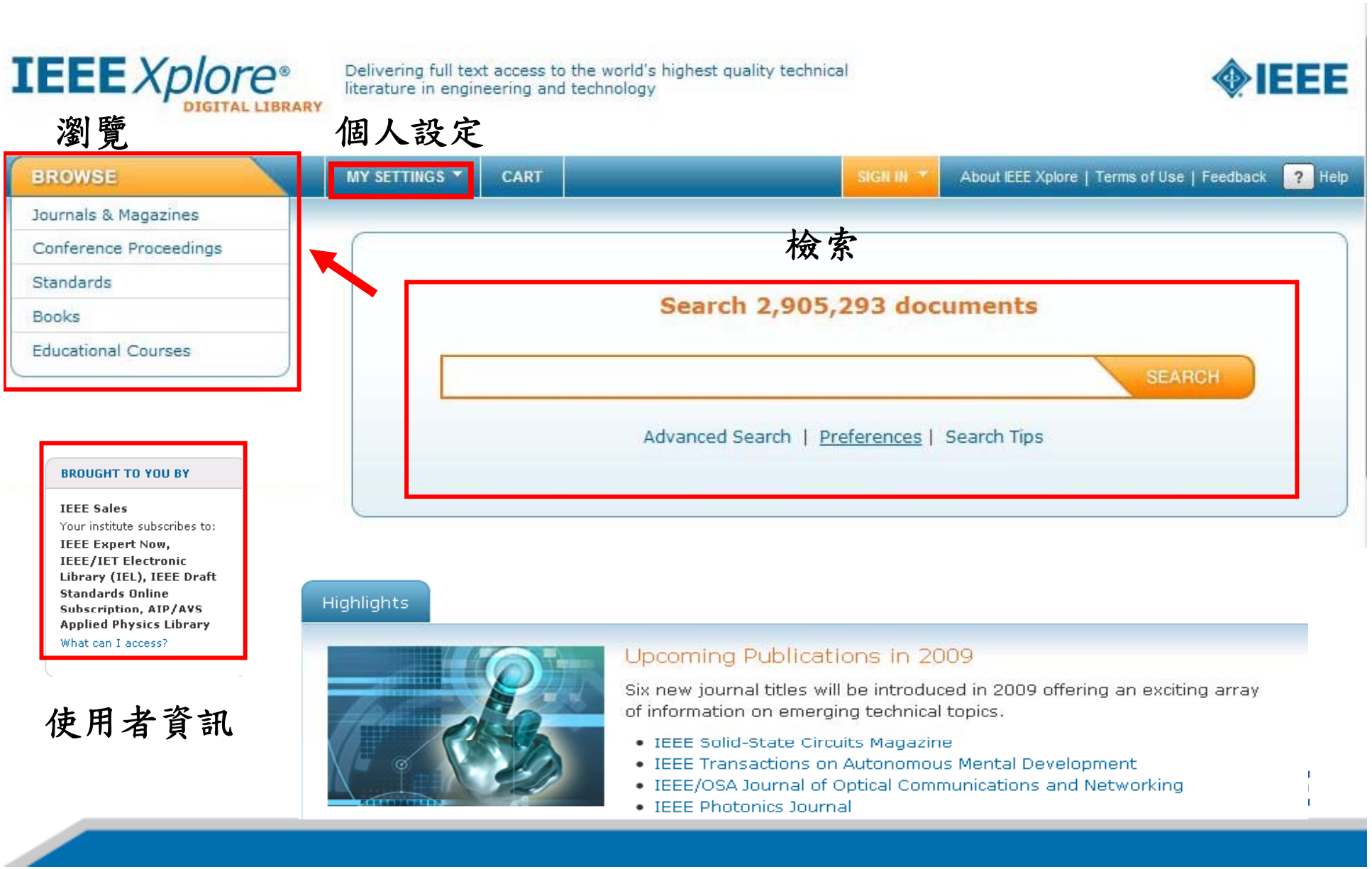

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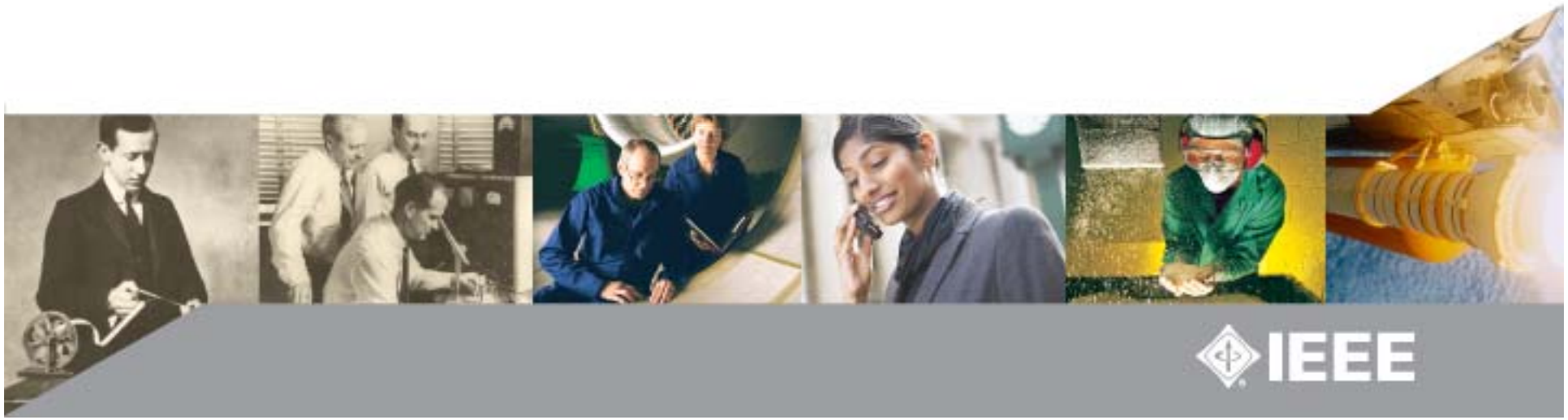

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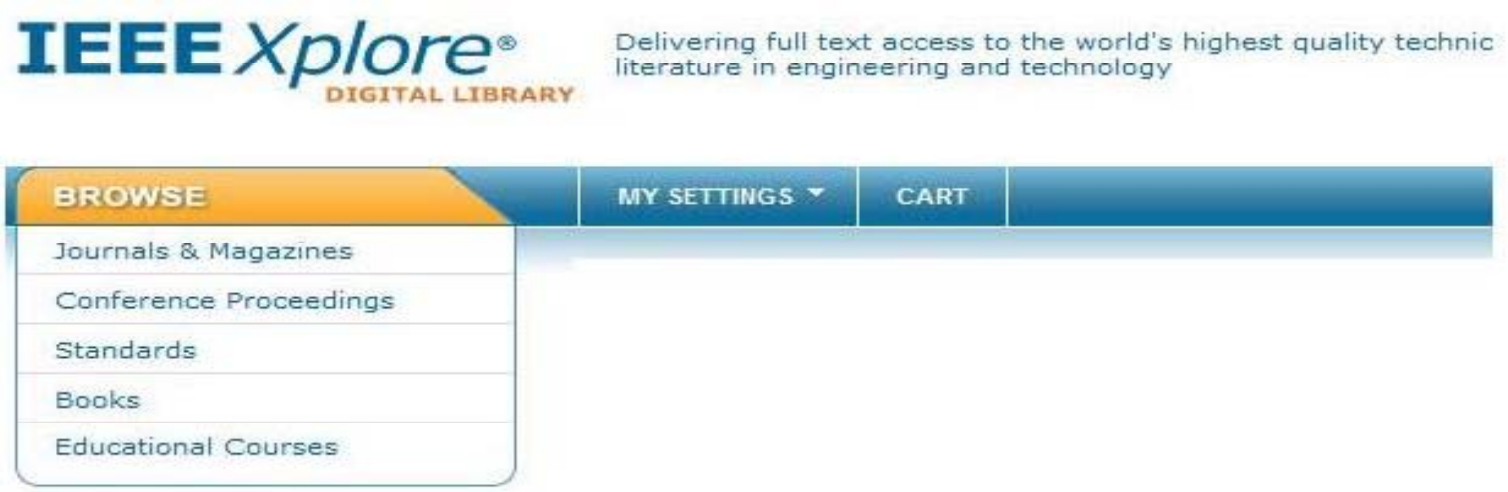

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- (1963 - 1965) Space Electronics and Telemetry, IEEE Transactions on
- (1961 - 1962) Aerospace and Navigational Electronics, IRE Transactions on
- (1959 - 1962) Military Electronics, IRE Transactions on
- (1959 - 1962) Space Electronics and Telemetry, IRE Transactions on
- (1955 - 1960) Aeronautical and Navigational Electronics, IRE Transactions on
- 1954 - Radio Telemetry and Remote Control, Transactions of the IRE Professional Group on
- (1953 - 1954) Aeronautical and Navigational Electronics, Transactions of the IRE Professional Group on
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High Fidelity Antenna Model Validation Results of a GNSS Multipath Limiting Antenna

Quick Abstract

Aloi, D.N. Sharawi, M.S.

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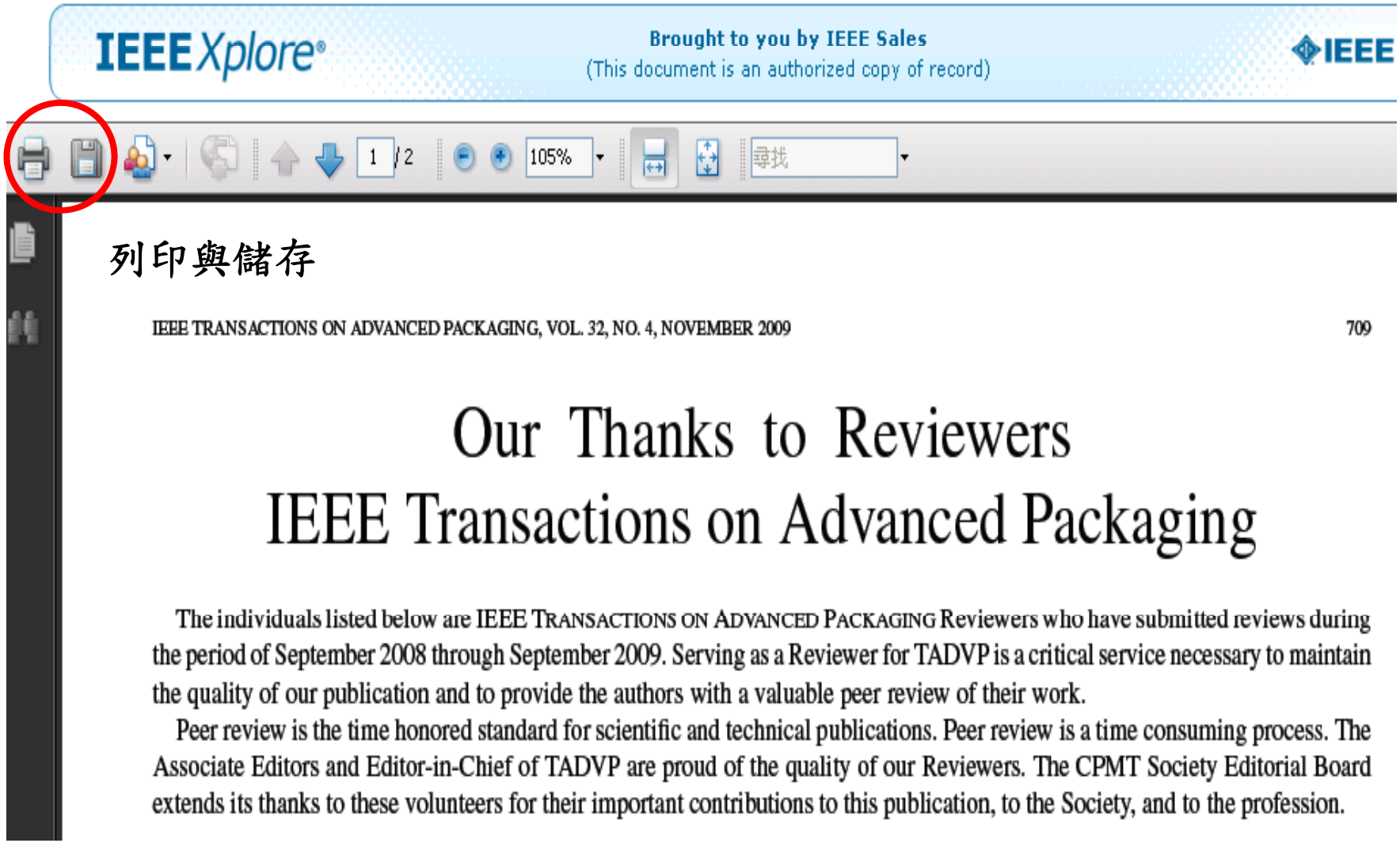

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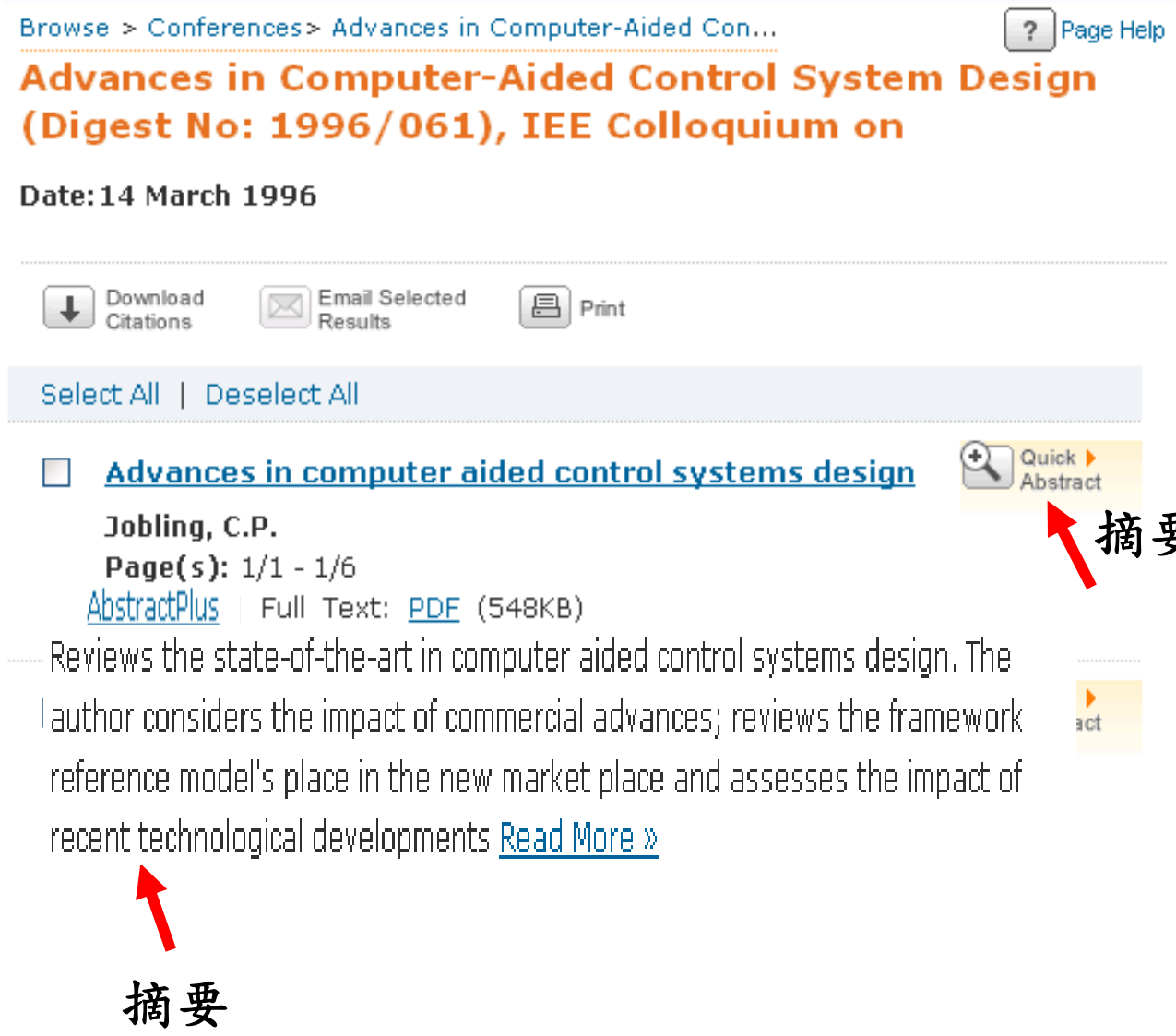

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ter-Aided Control System Design (Digest

02

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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Status : Withdrawn 標準狀態
On page(s): 0_1
E-ISBN: 0-7381-4366-9
INSPEC Accession Number: 3380046
Digital Object Identifier: 10.1109/IEEESTD.1982.81519
Persistent Link: http://ieeexplorepreview.ieee.org/servlet/opac?punumber=2540
More »
Year: 1982
Sponsored by: Power Engineering Society

ABSTRACT 摘要

In general test results and the performance of electrical apparatus are significantly influenced by variations in such parameters as temperature, barometric pressure and humidity. The purpose of this IEEE recommended

INDEX TERMS

- **INSPEC**
  - **Controlled Indexing**
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Publication Date: 1984
Publisher: IEEE Press
Number of Pages: 447
Edition: 1
Copyright Year: 1984
ISBN : 9780470616369

出版資訊

ABSTRACT 摘要

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

TABLE OF CONTENTS 目錄

▼ **Frontmatter**

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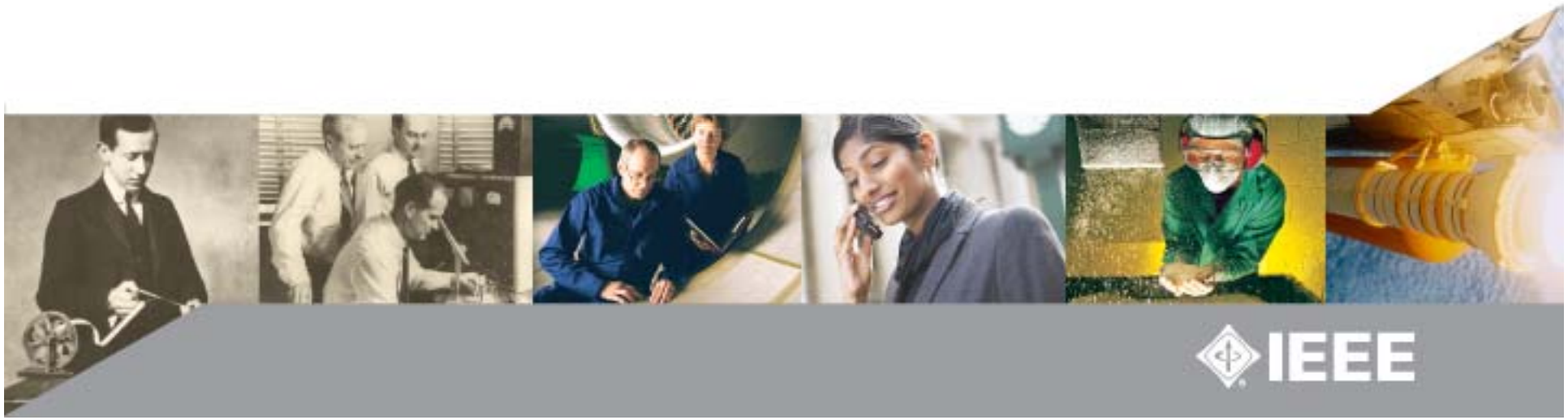

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Mobile Adhoc and Sensor Systems, 2007. MASS 2007. IEEE Internatonal Conference on
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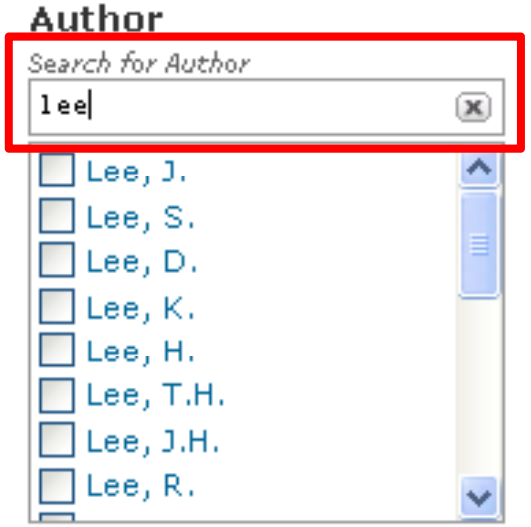

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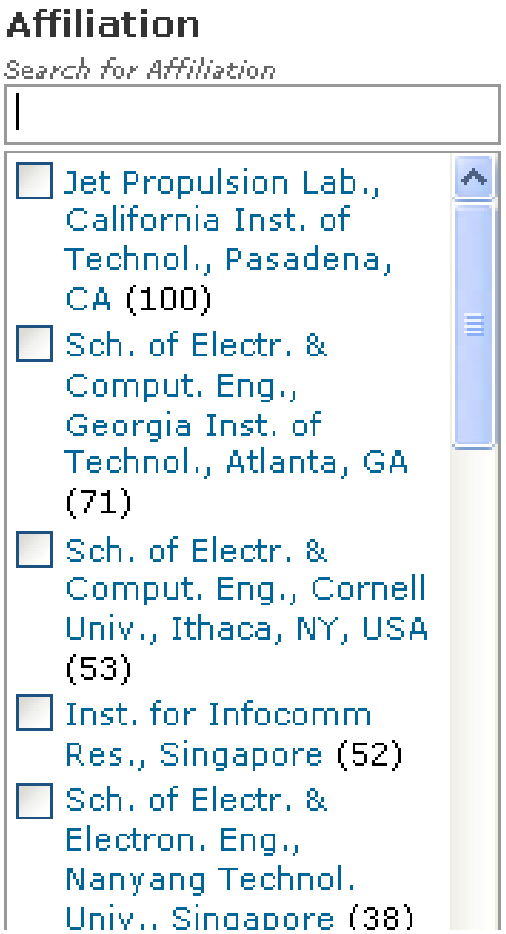

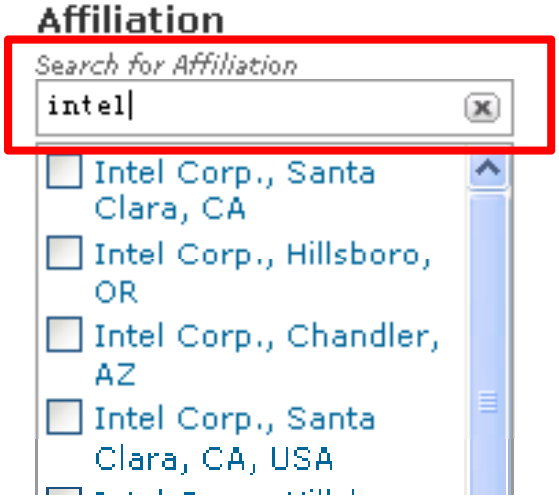

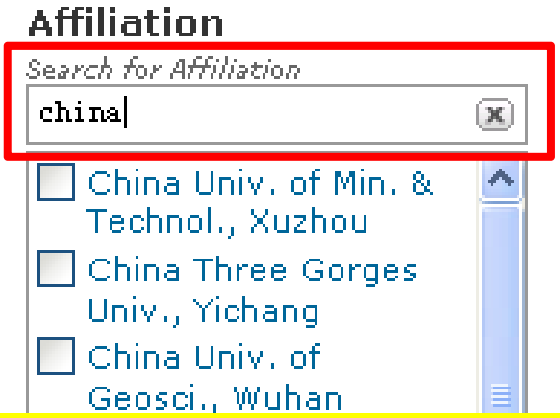

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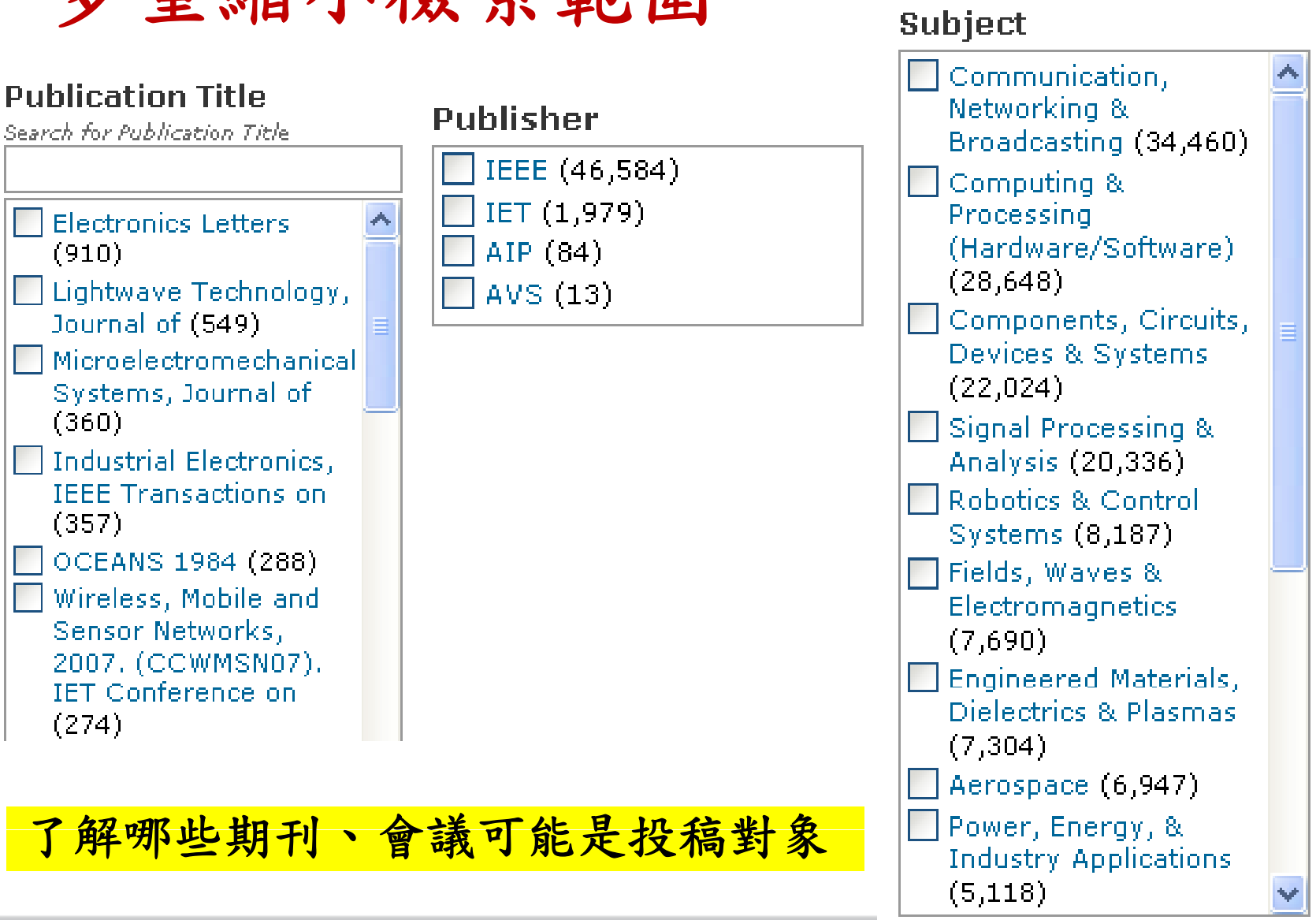

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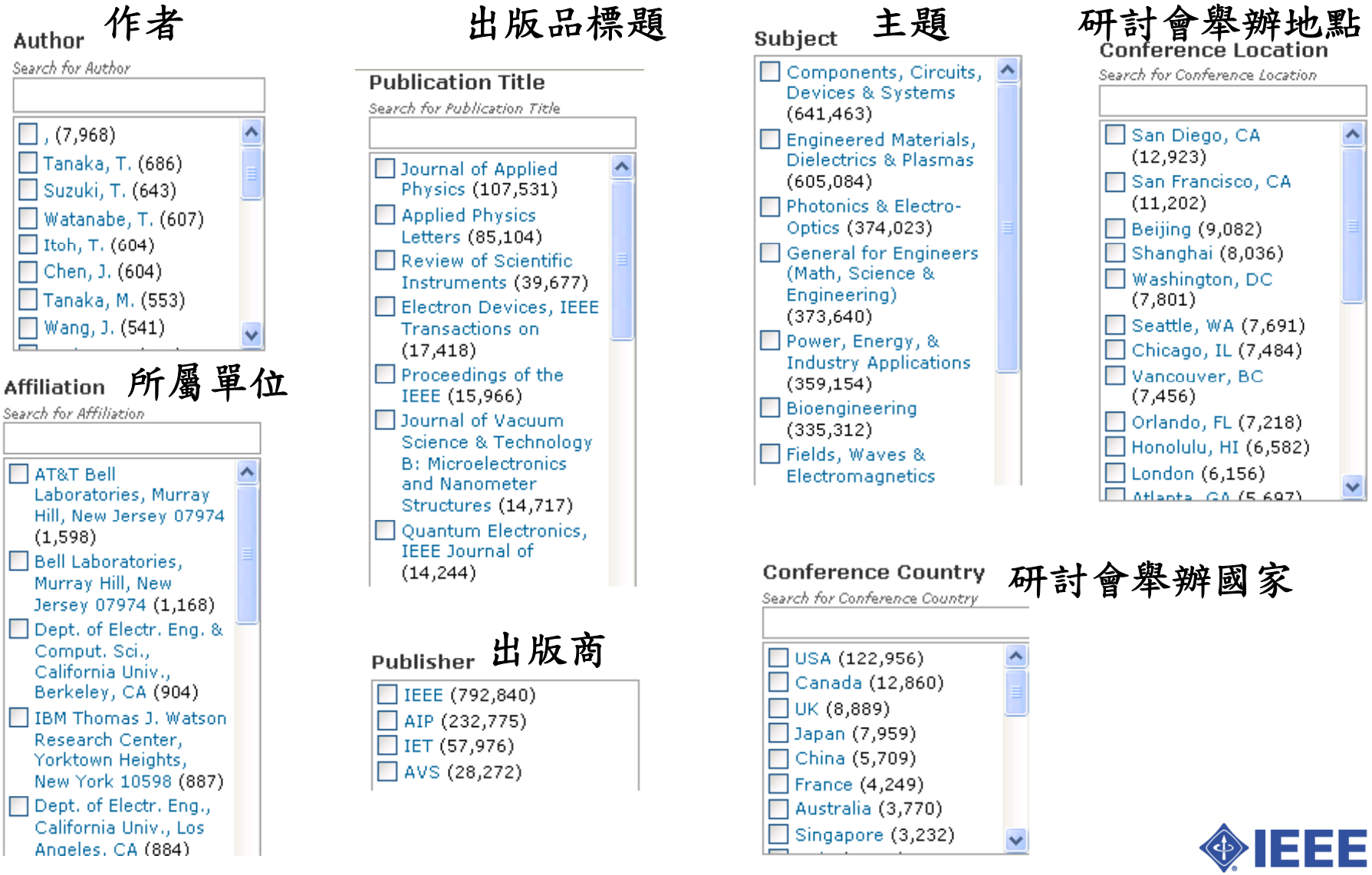
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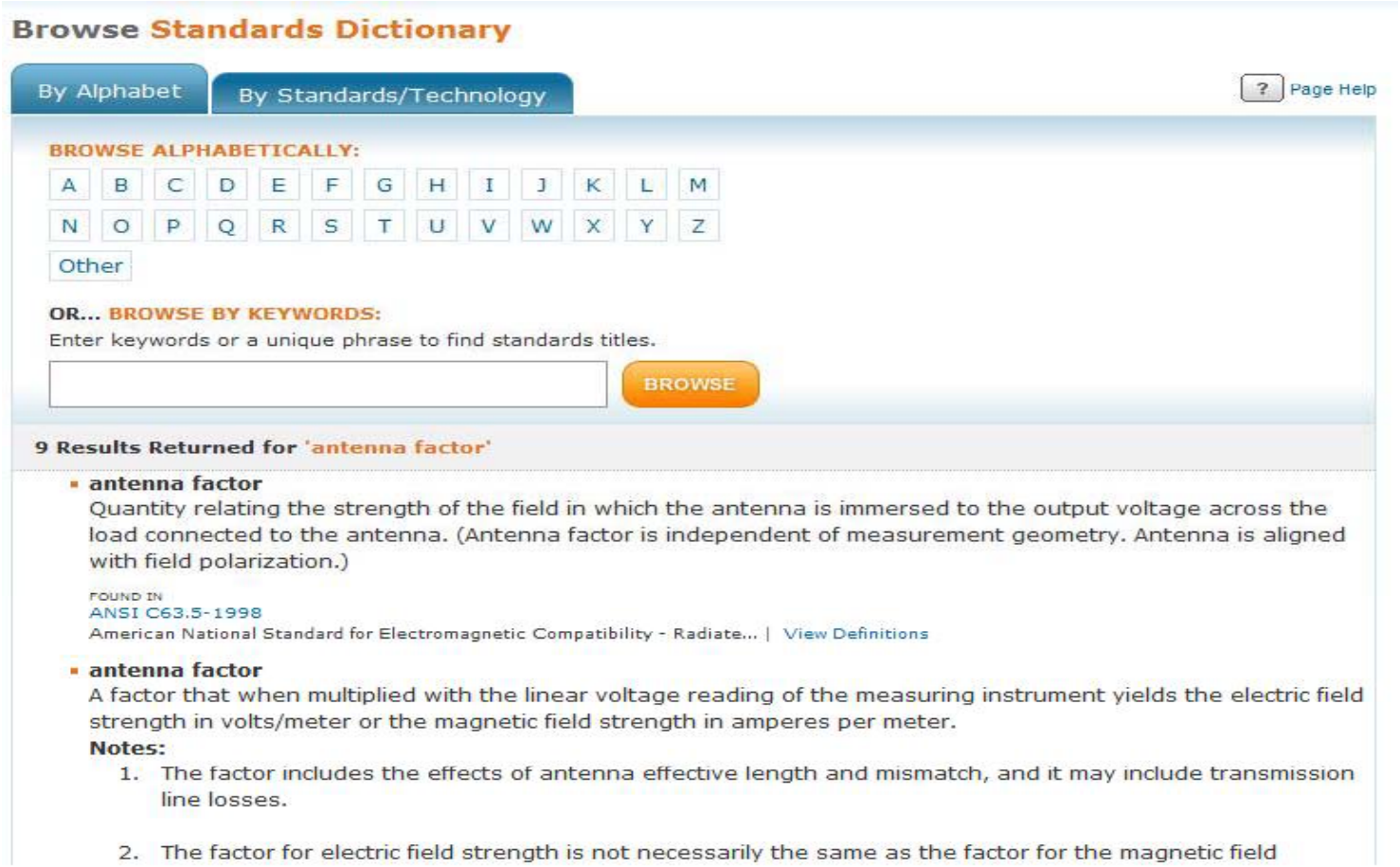

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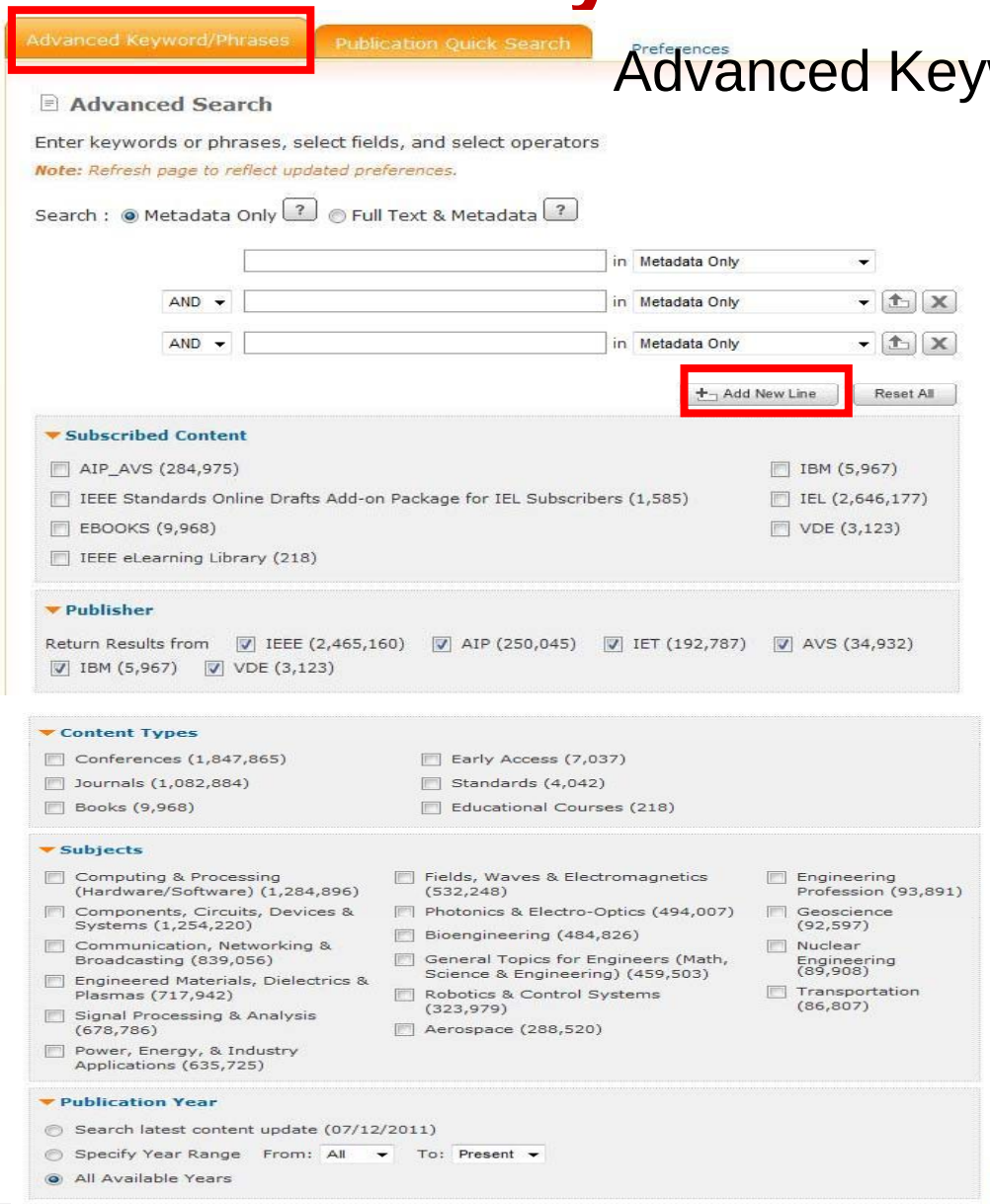

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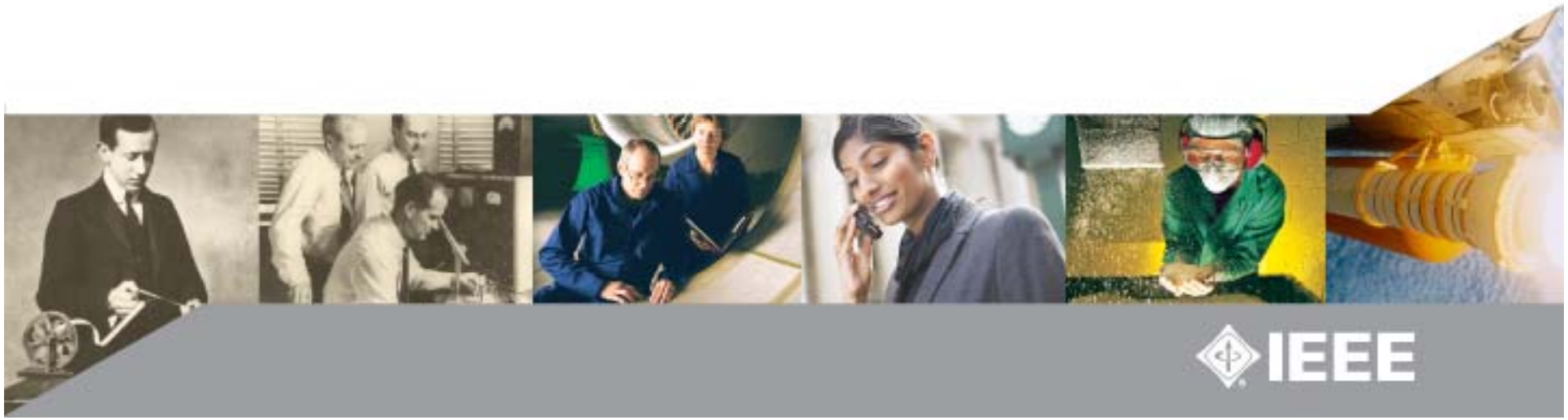

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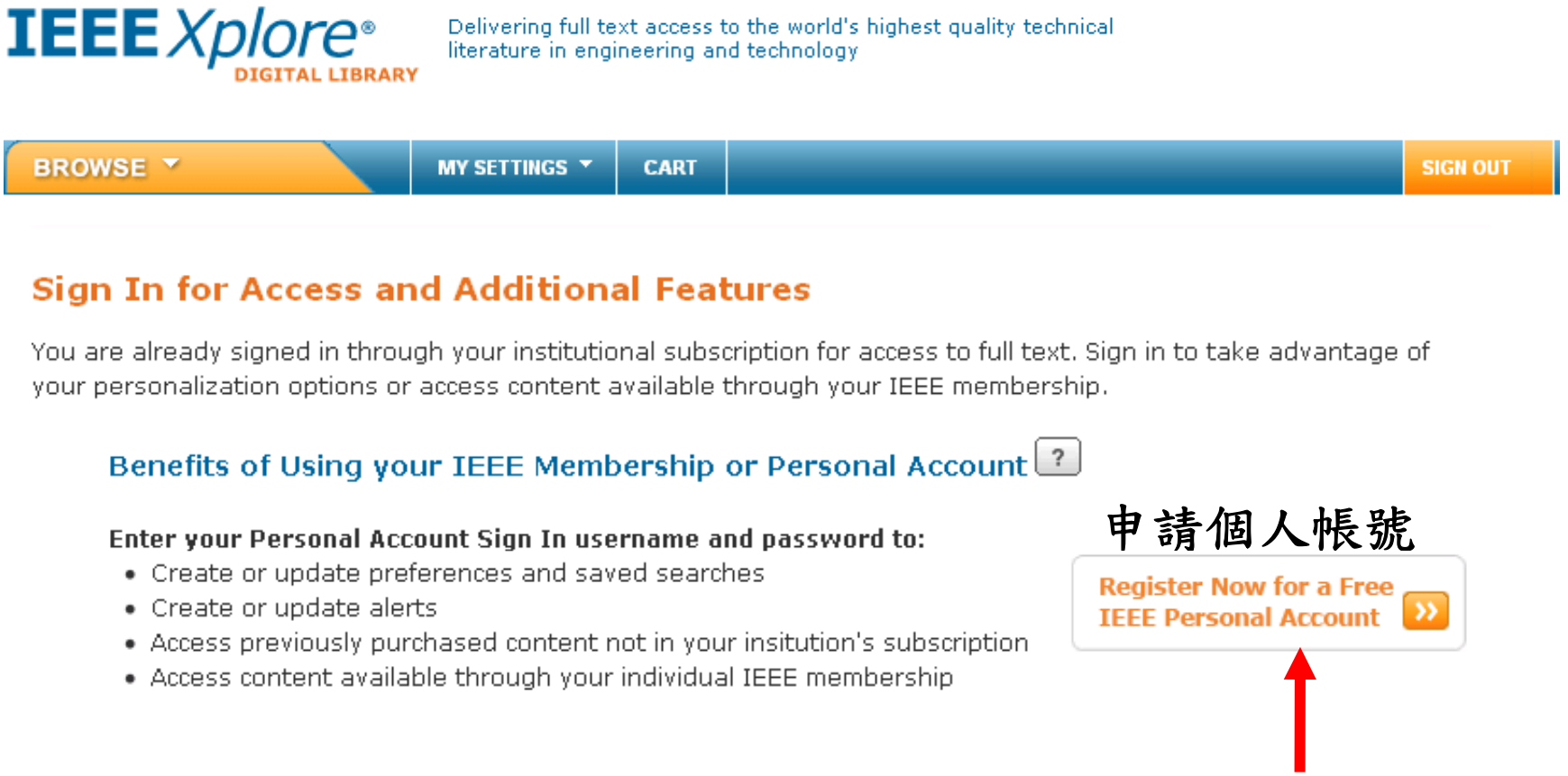

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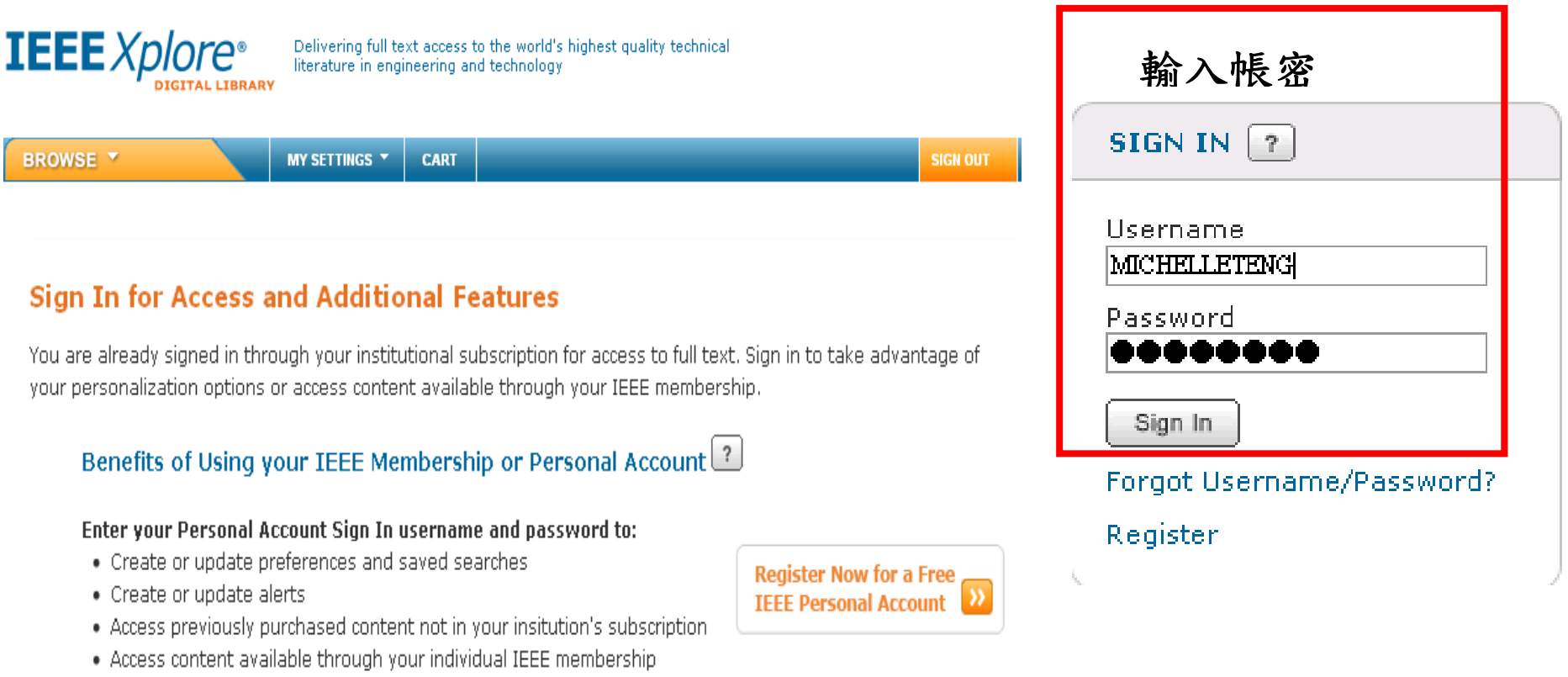

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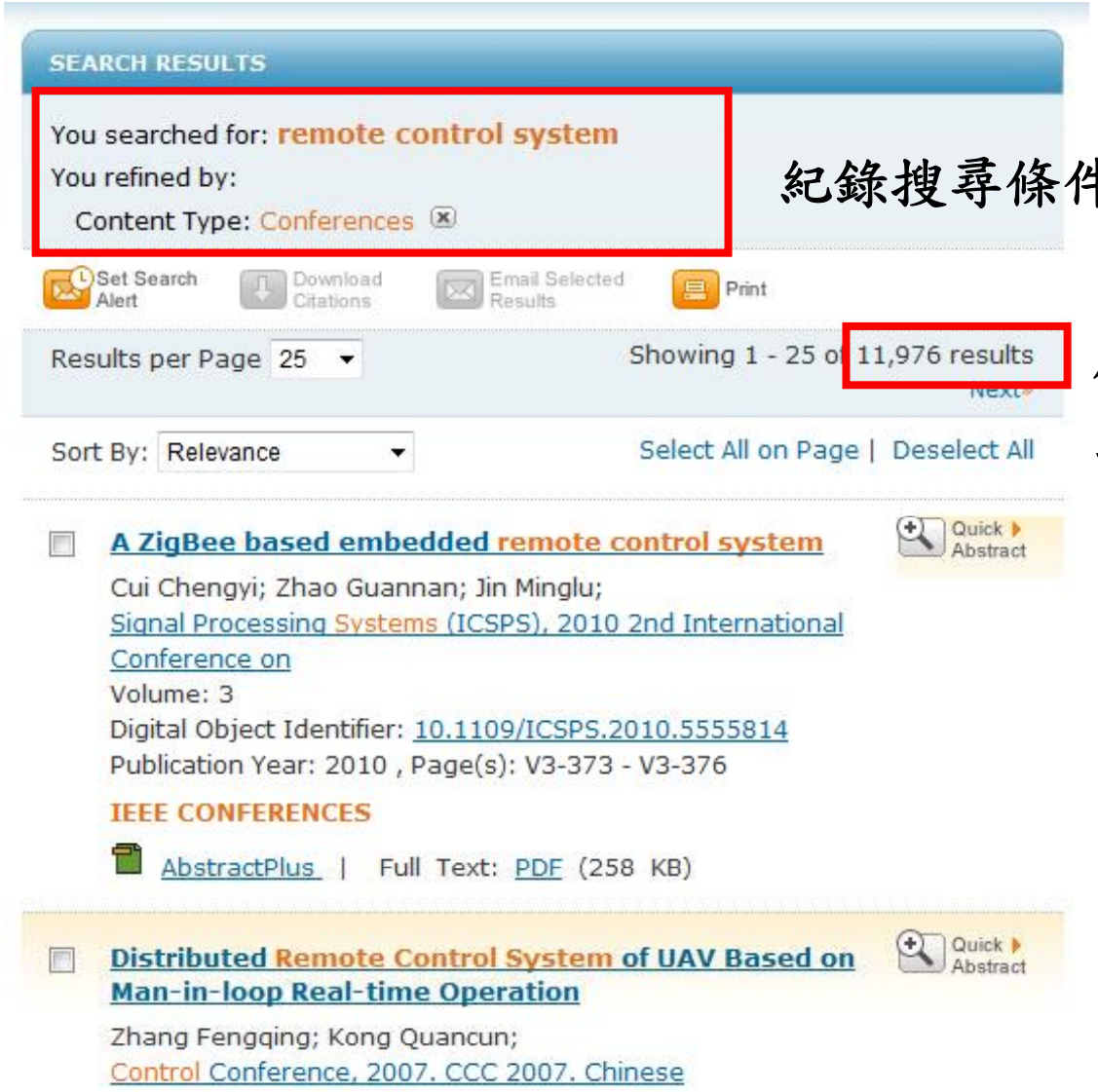

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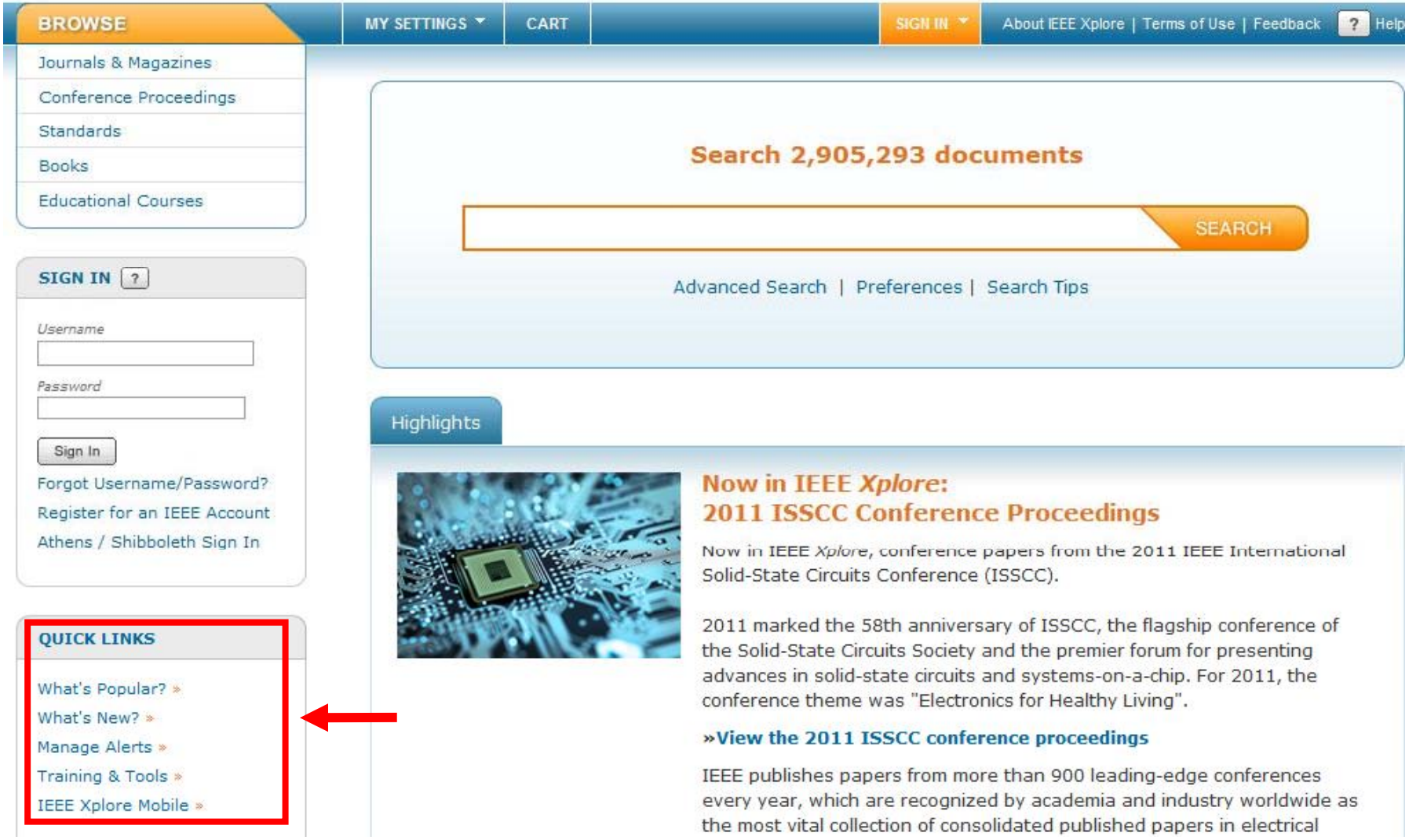
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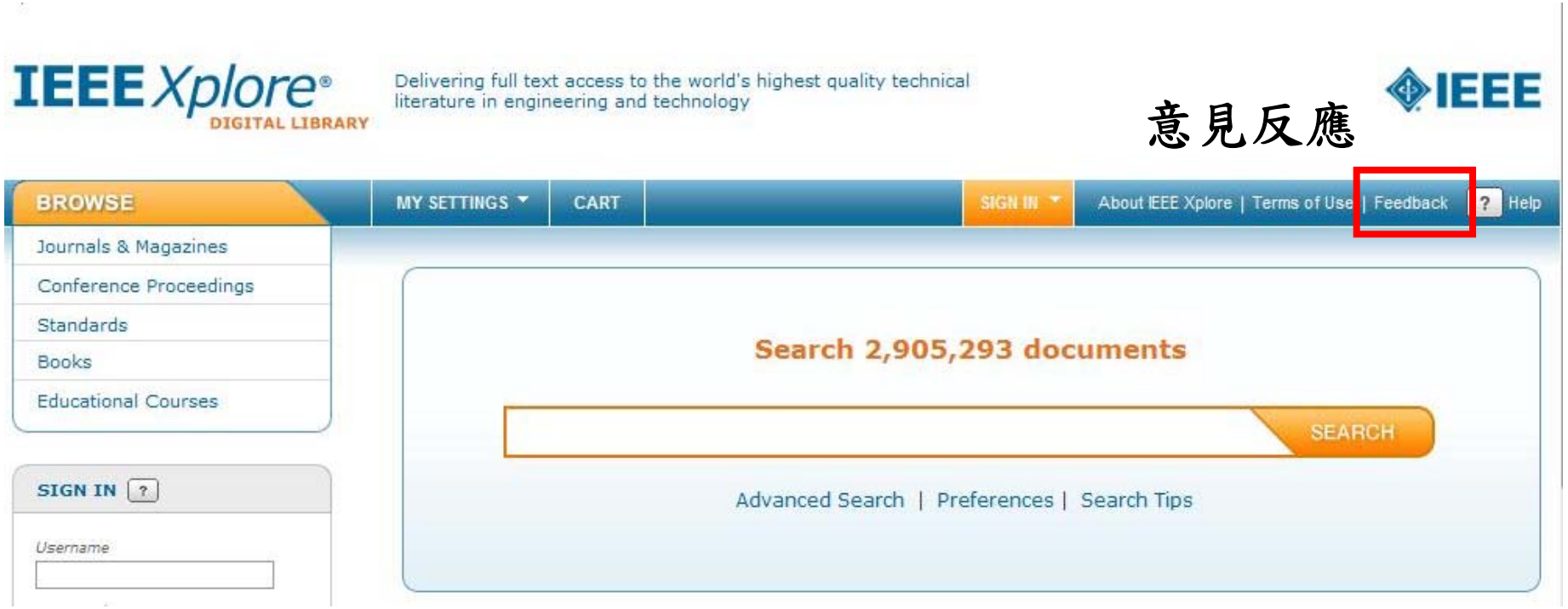

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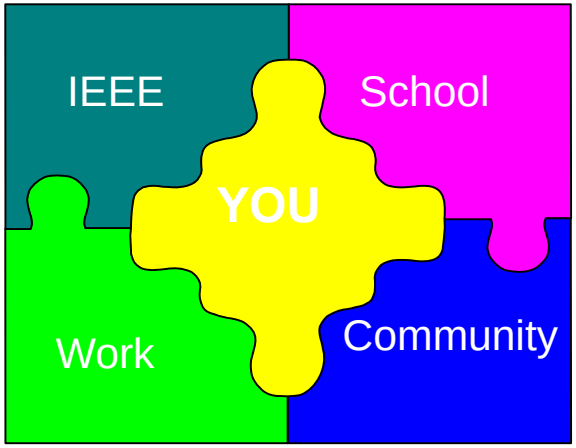

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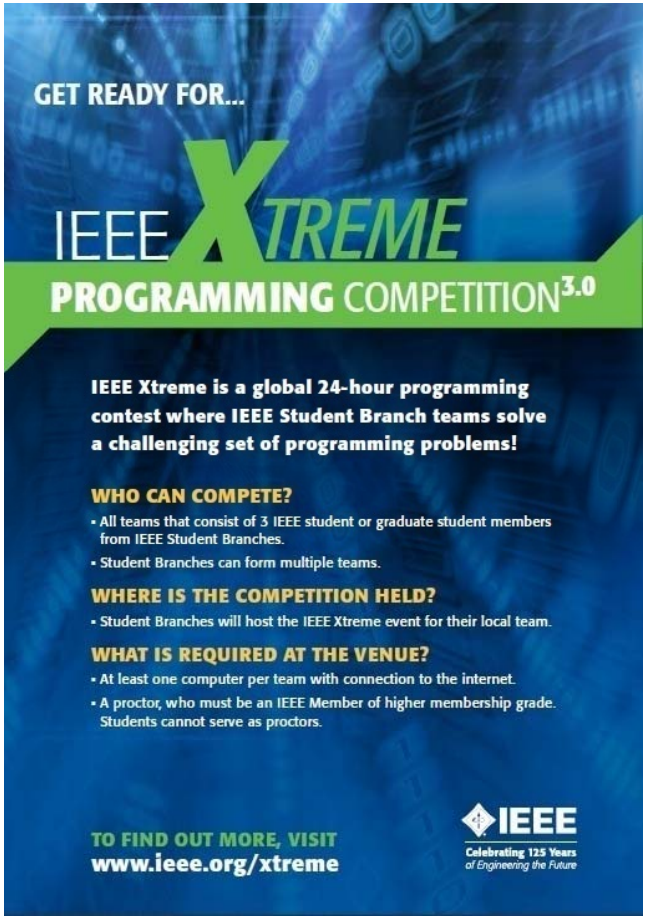

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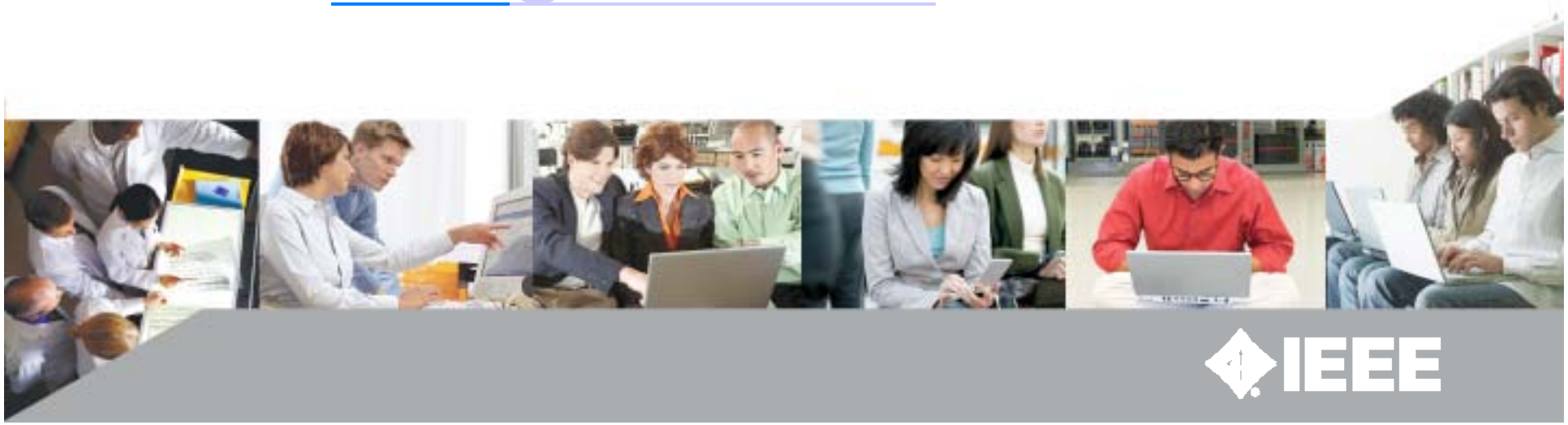
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