

IEEE 中華民國分會補助各支會活動成果報告表

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| 會議名稱：ICSSE2010系統科學與工程國際會議 | |
| 舉辦日期：民國 99 年 07 月 01 日至民國 99 年 07 月 03 日 | |
| 主辦機構：中華民國系統學會 | |
| 舉辦支會：IEEE RAS Taipei Chapter (RA24) | 支會主席：翁慶昌 |
| 舉辦地點：國立臺北科技大學 | TEL：02-2621-5656轉3292 / 02-7734-3551 |
| <p>1. 原預估出席人數：IEEE會員____人，非會員____人。</p> <p>2. 會議當天實際出席人數：IEEE會員64人（產業界0人，研究機構0人，行政（政府）單位0人，學術界（教師50人，學生14人）），非會員40人。</p> | |
| <p>會議重要成果：</p> <p>請列舉本會議重要成果（含對IEEE之重要貢獻）</p> <p>1. 本次會議 ICSSE2010 乃是中華民國系統學會第一次擴大年會為國際性的研討會，明年澳門大學也將繼續接辦，希望 ICSSE 每年在世界各地持續舉辦，延續系統科學與工程理念，把台灣系統學會的影響力擴展到世界每個角落。</p> <p>2. IEEE RAS Taipei Chapter、IEEE SMC Taipei Chapter、IEEE CIS Taipei Chapter 均為本次會議的協辦單位，在大會旗幟、紀念品、digest 上均有註明，彰顯了 IEEE 在本會的影響力及貢獻。</p> <p>3. 兩百多位共十多國學者專家也在 ICSSE 2010 上相互觀摩，彼此切磋，使本國展開一次成功的國民外交，亦讓世界各國一睹國內高科技的實力及千年文化的精髓，對國內學者來說，除了在國內學術舞台上可更上一層樓外，在國際上的聲望亦可扶搖直上。</p> | |
| 需繳交資料： | <p>1. 活動文章（約500字，MS-Word格式，中英文版各乙篇）</p> <p>2. 照片2-4張（JPEG檔/300dpi）</p> <p>※ 上述資料請自行登錄於分會網頁，並將電子檔e-mail至翁如屏 (jessicaweng@mail.nctu.edu.tw)信箱。</p> |

活動內容：

本會議—2010 ICSSE, International Conference on System Science and Engineering 為系統工程與科學領域最重要的年度國際會議，除了是中華民國系統學會的年度盛事外，也得到 IEEE SMC Society 的認可，並為 IEEE Xplore 資料庫所收錄。系統科學與工程也是多年來政府重視的技術，工程師們除了專業知識之外，還必須具備系統分析實力、整合能力、與系統倫理的觀念，方能提昇國家競爭力。近來，政府推動許國家型計畫，這些計畫的特色不僅強調計畫本身的卓越性，也特別重視跨領域、跨學門的技術整合，也就是都需系統整合的觀念方能順利執行。國內系統科學與工程之研究人口跨電子、電機、通訊、資訊、管理、工工、工管等多項領域，範圍廣泛，造就了系統整合的蓬勃發展。本次會議即在這個研討主軸下順利進行。主要的重點內涵除了讓國內有機會主辦如此大型而優質之國際性會議外，亦藉機帶動國內相關領域的研究風潮，向國際社會展示國內系統整合、資訊科技、人性化智慧型科技及的研究成果與實力，由於國內已有許多的產、官、學、研等單位紛紛加上「系統」或「系統工程」字樣，顯示系統觀念已受到越來越多單位重視。兩百多位共十多國學者專家也在 ICSSE 2010 上相互觀摩，彼此切磋，使本國展開一次成功的國民外交，亦讓世界各國一睹國內高科技的實力及千年文化的精髓，對國內學者來說，除了在國內學術舞台上可更上一層樓外，在國際上的聲望亦可扶搖直上。

本次會議總共分成三天進行，前一天負責註冊櫃檯的同仁即已就位展開歡迎國外貴賓的工作，三天的議程中包含開幕式、四場貴賓演講及二十四場議程演講均順利進行，會議所在地點台北科技大學提供舒適與配備先進的場地，聽眾反應均十分良好，各議程之間安排茶敘時間，隨處均可見國內外學者互動熱絡的情形；六家系統展示廠商也藉機展示研發成果，拓展商譽；大會晚宴則在台北車站附近的天成飯店舉辦，晚會除了頒發最佳論文獎等獎項外，並邀請知名表演團體表演中西方音樂節目，以招待遠道而來的貴賓，頗受各方好評。最後，下屆 ICSSE 2011 主辦學校—澳門大學科技學院院長 Philip Chen 也在場簡介該校，並邀約所有學者明年澳門見。

除此之外，為使大會順利進行，會議籌備會議也早在一年前就已經展開，多次籌備會議的腦力激盪，果然使三天的會議期間順利圓滿成功。最後該感謝 IEEE RAS Taipei Chapter，中央大學、台北科大、台灣科大、國科會、教育部、經濟部、台北市政府等單位的經費補助，沒有以上單位的補助，本研討會無法順利舉辦。

Activity of ICSSE2010

2010 International Conference on System Science and Engineering (ICSSE2010) is an annual International conference held by Taiwan Association of System Science and Engineering (TASSE). The papers presented in the conference are approved by IEEE SMC Society and included by the data base of IEEE Xplore. The technology and knowledgement of Systems Science and Engineering are paid attention to by Taiwan government in recent years. Except the professional technologies, the engineers have to possess the following abilities, system analysis, intergration, and ethics etc, such that the country can increase the national competitiveness. Recently, Taiwan government promotes many national projects; those projects not only emphasize the excellence plans themselves, but also particularly focus the cross-fileds, interdisciplinary technologies integration. That is, the concept of system integration is needed to be carried out smoothly. The experts of domestic system of science and engineering cover many areas such as electronic, electrical, communications, information, management, industrial engineering, engineering management, etc., so that the system intergration is developed vigorously.

The conference was held in Taipei University of Technology. The conference lasted three days, and the three-day agenda included the opening ceremony, four VIP keynote speeches, and 24 sessions for paper presentation. About 17 countries and more than 200 scholars and experts attended ICSSE 2010. There were six companies to exhibit their products and equipments in the conference site. In the conference, those scholars and experts discussed and exchanged their ideas each other. Domestic scholars not only have launched a successful national diplomacy, but also have presented the high technology and Chinese culture of Taiwan to the world. At the night of 2nd July, we had a banquet in Cosmos hotel which is near the Taipei Railway Station. In the banquet, we rewarded the Best Paper Award and invited outstanding performances for the attendance. Finally, Prof. Philip Chen announced that the ICSSE2011 will be held in Macao University and invited all scholars to attend ICSSE2011 in Macao next year. In a word, ICSSE2010 is a very successful international conference. We would like to thank the supports from IEEE RAS Taipei Chapter and the other organizations, such as National Central University, National Taipei University of Technology, National Taiwan University of Science and Technology, National Science Council, Taipei City Government, Ministry of Economic Affairs, and Ministry of Education etc.