# 開 拓 嶄 新 趨 勢 和 未 來

# Create New Trends and the Future



台灣在資訊領域的技術蓬勃發展、人才濟濟，其中本校資訊學院扮演了舉足輕重的角色，在本院師生、畢業校友共同努力和支持下，無論在學術界、產業界都有卓越亮眼的表現。在 2021 年 2 月正式完成國立陽明交通大學合校後，此舉創下台灣高等教育的里程碑，再次感謝資訊學院付出的全體師生、行政團隊同仁和畢業校友。合校是新的起點，讓我們以嶄新的校名及優良的傳統繼續攜手延續產學並茂的榮景。

面對合校新格局，在行政組織上，本院於 8 月 1 日在陽明校區正式成立「資訊學院跨校區合作推動辦公室」，肩負鏈結交大校區與陽明校區資訊與醫療兩大領域之重任，在學術研究、教學及服務等方面建立共同合作環境與平台。本期收錄教師研究成果，本校趙禧綠教授及伍紹勳教授的研究團隊，開發創新的全功能無線心臟智能照護物聯網，已榮獲多項大獎肯定，堪為智慧醫療創新最佳典範。

除了資訊專業培育外，本院一向重視國際化推展，師生在英語教學及國際學術活動的參與和成果，皆收錄在本期活動報導中。最令人振奮的是本院今年度更獲選為教育部雙語計畫重點培育學院，未來將挹注更多資源於提升國際影響力，成為本校國際化標竿學院。

傑出系友活動亦是本期另一報導重點。今年系友回娘家以「連結 ‧ 凝聚 ‧ 一個都不能少」為主題，邀請在各方傑出系友重回母系與資工系資訊中心（簡稱系計中）齊聚一堂，並給予在校學子學涯、職涯各方面的經驗授受。同日並舉辦傑出系友頒授典禮，也恭喜彥陽科技董事長吳銘雄學長與智易科技執行副總盧豐裕學長榮獲本校傑出系友，他們在產業界努力耕耘，都是後輩最佳學習表率。

大學取之於社會，用之於社會，面對技術突破、產業轉型等前景未知的挑戰，本人期許本院作為全國規模最大、學術能量最為充沛之資訊學院，能於關鍵時機扮演領頭之角色，帶領國內產學界開拓嶄新趨勢和未來。

資訊學院院長
陳志成
2021.11.15

Taiwan makes noteworthy progress in information technology and cultivates a large number of talents, in which the College of Computer Science (CCS) at NYCU plays a major role because we have outstanding performance in both academia and industry with joint effort and support among faculty, students, and alumni. The February 2021 official merger that formed National Yang Ming Chiao Tung University (NYCU) set a milestone in our higher education in Taiwan. Once again, I would like to express my gratefulness to all faculty, students, administrative staff members, and alumni for your contribution. This merger is the starting point of a new journey. Let us continue to work together to ensure the continued prosperity of industry and academia with a brand-new name and excellent tradition.

Regarding the new perspective of the merger, our college, in terms of administrative organization, formally established the "CCS Promotional Office for Cross-Campus Collaboration" at Yang Ming campus on August 1st. "The CCS Promotional Office for Cross-Campus Collaboration" carries the great responsibility to link information technology development at Chiao Tung campus and medical research at Yang Ming campus. The primary task is to create a collaborative atmosphere and build up a collaboration platform for the best practices on academic research, teaching and services. This issue of the CCS magazine will introduce the work of Professor Hsi-Lu Chao and Professor Sau-Hsuan Wu. Professor Hsi-Lu Chao from the Department of Computer Science and Professor Sau-Hsuan Wu from the Department of Electrical and Computer Engineering formed a research team, Vipasyana, to develop an all full-functional wireless ECG for healthcare AIoT to provide user-friendly, convenient and comprehensive heart and vascular care services. Winning several awards, the research team brought out an innovation paradigm of diversified industry-academia research in Taiwan.

In addition to the dedication of computer science education, our college has always attached great importance to the promotion of internationalization. The participation and achievements of faculty and students for both teaching in English and international academic activities are reported in this issue. It is a great encouragement that our college has been selected as one of the key colleges of MOE's Program on Bilingual Education for Students in College. We will further devote more resources to increase international influence in the future to become a beacon international college at NYCU.

Another topic of this issue is outstanding alumni activities. We set "Connection, Cohesion, and Not one less" as the reunion theme of this year to invite outstanding alumni to come home to the Department of Computer Science and CS Computer Center, and share their post-graduation experiences with students. The alumni also attended the Alumni Awards Ceremony on the same day. Congratulations to two outstanding NYCU alumni, Ming-Hsiung Wu, Chairman and CEO of Promaster Technology Corp., and Mike Lu, Executive Vice President of Arcadyan Technology Corporation. They have been working hard in the industry and would be the best role models for younger generations.

The university upholds the motto of "taking from the society and giving back to the society". Facing challenges of unknown prospects such as technological breakthroughs and industrial transformation, I expect that our college, as the largest college of computer science with abundant research capacity in Taiwan, can play a pioneering role at a critical moment to lead industries and academic research community to create new trends and the future.

**Dean of the College of Computer Science**
2021.11.15