走過疫情 迎向曙光

走過疫情，新學年歡迎新任系所主管加入院系行政團隊。感謝歷屆行政團隊的努力，以及全院師生和廣大系友的支持，本院今年度在各方面的表現，不只延續學院良好學風與優異傳統，也讓學院未來的發展走得更穩健。

本院在資安領域深耕多年，為國內學界翹楚，不僅設有培養高階資訊安全人才的資安碩士學位學程外，今年 9 月本院與警政署更首創以科技犯罪偵查實務為主的「科技犯罪偵查資通訊碩士在職專班」，以培育更多資安專才。

本院擁有豐沛的研發能量，本期介紹李奇育副教授研究團隊的資安弱點檢測與威脅防護技術，用以應對技術更新所產生的資安威脅。彭文志教授研究團隊開發「可剖析顧客行為模式以提供個人化自動服務」之廣告標題生成技術，與 KKDAY 及玉山銀行的合作，驗證該技術之產業應用性。

今年度資工系友回娘家活動意義非凡。4 月 9 日於交大日頒獎傑出系友林順喜學長、王介呈學長、黃維中學長、陳儒寬學長、江孟峰學長與馮彥文學長，也恭喜林榮賜學長榮獲陽明交大第一屆傑出校友，他們傑出表現與成就，裨益社會，足為學弟妹的典範。同日進行「台灣電腦資訊發展館」的揭牌開幕儀，由系友發動募款興建，揭示陽明交大資訊學院在台灣資訊科技發展軌跡中扮演「中流砥柱」的關鍵角色。

本院師生亮眼的表現亦是本期報導焦點。院內年輕教授不但在國際頂尖學術發表多有嶄獲，在各項重要獎項也備受肯定。特別恭喜詹力韋教授榮獲學術界年輕學者的最高榮譽－科技部「吳大猷先生紀念獎」。此外，本院一向鼓勵老師們帶領學生參與國際重要競賽，我個人與陳健教授指導謝承穎同學榮獲 ACM MobiCom 2021 Student Research Competition 研究所組第二名，繼去年本院獲得第一名後，為全台第二度於此國際知名競賽締造佳績。

由於許多世界大學排名非常重視大學的聲譽，新校名對於排名可能會有衝擊，然而合校後陽明交大在世界大學排名相較於合校之前排名均有進步。在最新公布的 RUR 世界大學 2022 排名中，本校整體表現取得全球第 89 名佳績，在台灣大專院校中排名第一。雖然大學排名不是絕對，但這是我們努力之一，是我們鞭策自己的出發點。展望 2023 年，衷心期盼全院師生同心協力為國家社會的未來持續努力。

資訊學院院長

陳志成

2022.12

Got Through the Pandemic The Dawn is Coming

After the pandemic, we are pleased to welcome new members to join our administrative team in the new academic year. We are grateful to the former administrative team members for their efforts, as well as to all of our faculty, students, and alumni for their support. This year, our college's achievements in all aspects not only keeps the excellent tradition of the college, but also paves the way for the steady development of the college in the future.

Having been deeply involved in cyber security research for many years, our college is the leader in domestic academic circles. In addition to the degree program of cybersecurity management for cultivating information security talents, we and the National Police Agency have formed the "Degree Program of Information and Communication for Technology Crime Investigation" in September 2022, which focuses on technology crime investigation practice, thereby cultivating more information security professionals.

Due to our abundant research and development capacity, this issue of the CCS Magazine reports the work of Professor Chi-Yu Li and his team, the information security vulnerability detection and threat protection, to defend against information security threats introduced by technology revolution. In addition, Professor Wen-Chih Peng and his team developed advertising headlines generation technology, which analyzes customer behavior patterns to produce customized automated services, and verified the industrial applicability of this technology through the collaboration of KKDAY and E.SUN BANK.

This year's NYCU computer science alumni reunion is of great significance. On April 9, the NYCU alumni day, Rong-Shy Lin, Shun-Shii Lin, Jie-Cheng Wang, Wei-Chung Hwang, Ju-Kau Chen, Mike Jiang, and Yenwen Feng were honored with outstanding alumni awards. Meanwhile, congratulations to Rong-Shy Lin for being awarded the first outstanding alumni award of National Yang Ming Chiao Tung University. Their outstanding achievements not only benefit the society, but also make them be the role models for students. The opening ceremony of the "Taiwan Computer Information Development Pavilion'' was held on the same day. The museum, of which the fundraising campaign was launched by alumni, revealed the key role of the College of Computer Science of National Yang Ming Chiao Tung University played in the development of Taiwan's information technology.

The outstanding performance of our faculty and students would also be one of the themes in this issue. The young professors in our college not only have published many papers in top international conferences, but also received various academic awards. Special congratulations to Professor Liwei Chan for being awarded the highest academic honor for young scholars - the Mr. Wu Ta-You Memorial Award by the Ministry of Science and Technology. In addition, our college has always encouraged faculty to lead students to participate in important international competitions. Advised by Professor Chien Chen and me, Cheng-Ying Hsieh won the second Prize in ACM MobiCom 2021 Student Research Competition. This is the second time that Taiwan's continued success in this internationally renowned competition.

Since many world university rankings place a strong emphasis on reputation, NYCU, the new university name may adversely impact rankings. However, compared with the rankings before the merger, the ranking of National Yang Ming Chiao Tung University after the merger is better. In the latest RUR World University Rankings 2022, NYCU ranked 89th in the world and top 1 in Taiwan. Though not a completely accurate measure, university rankings are one of the goals we strive for, and the starting point for us to spur ourselves. Looking forward to 2023, I sincerely hope that our faculty and students will work together to continue to work hard for the future of the society and our country.

Dean of the College of Computer Science

2022.12