



本刊每學期發刊一期，做為本院師生與系友、家長、院友的溝通橋樑。每期報導本院近期研究現況，內容包括人事動態、國際交流、師生獲獎等。期能經由本刊使讀者掌握資訊學院最新動態，促進彼此互動。

Published twice per year, this periodical, as a bridge between faculty, students, alumni, parents and friends of the college, is dedicated to the latest research updates, including personnel changes, international collaboration, faculty & students honors, etc., in order to assist readers to keep update of the latest developments of the College of Computer Science (CCS) and encourage mutual interaction.

### 一、人事動態

- ◇ 本院陳永昇教授榮任本校教務長；施仁忠教授榮任本校資訊技術服務中心主任；李奇育教授榮任本校資訊技術服務中心副主任。
- ◇ 本院曾建超教授自 111 年 8 月 1 日起擔擔任資訊學院副院長兼任跨校區合作推動辦公室主任。
- ◇ 本院黃俊龍教授自 111 年 8 月 1 日起擔任資訊工程學系新任系主任。
- ◇ 本院張立平教授自 111 年 8 月 1 日起為資訊科學與工程研究所新任所長。
- ◇ 本院黃俊穎教授自 111 年 8 月 1 日起為網工所新任所長。
- ◇ 本院林彥宇教授自 111 年 8 月 1 日起為多工所新任所長。
- ◇ 本院彭文孝教授自 111 年 8 月 1 日起為數據所新任所長。

- ◇ 本院嚴力行教授自 111 年 8 月 1 日起為國防資安管理碩士在職專班新任主任。
- ◇ 今年 8 月本院與警政署成立「科技犯罪偵查資通訊碩士在職專班」，由吳育松教授兼任首任班主任。吳育松教授同時續任本院資安學程主任。
- ◇ 資工系彭文志教授、易志偉教授、林靖茹教授、林文杰教授於 111 年 7 月底卸下系主任、所長之行政職務，感謝四位教授對學院之貢獻。

### 二、國際交流

- ◇ 紐西蘭惠靈頓維多利亞大學 (Victoria University of Wellington) Winston K.G. Seah 教授於 2022 年 5 月 4 日本系演講，講題為：「Machine Learning in Network Anomaly Detection」。
- ◇ 美國明尼蘇達大學 (University of Minnesota) 杜宏章教授於 5 月至 8 月來訪本院進行短期學術交流。

- ◇ 美國華盛頓大學 (University of Washington) 黃正能教授於 6 月至 9 月來訪本院進行短期學術交流。
- ◇ 新加坡新加坡科技設計大學 (Singapore University of Technology & Design) Tony Q.S. Quek 教授於 2022 年 7 月 8 日本系演講，講題為：「Machine Learning in Network Anomaly Detection」。

### 三、教師榮譽

- ◇ 彭文孝教授、吳毅成教授、陳永昇教授榮獲本校 110 學年度第 2 學期特色課程【創新類】課程傑出獎！
- ◇ 曾新穆教授榮獲中華民國資訊學會 2021 年資訊榮譽獎章！
- ◇ 邱維辰教授榮獲中華民國資訊學會 2021 年李國鼎青年研究獎！
- ◇ 李奇育教授榮獲中華民國資訊學會 2021 年李國鼎磐石獎！
- ◇ 邱維辰教授、高孟駿教授榮獲傑出人才發展基金會第十屆「年輕學者創新獎」！
- ◇ 李奇育教授榮獲第十屆有庠科技發明獎！
- ◇ 詹力韋教授榮獲科技部 111 年度吳大猷先生紀念獎！
- ◇ 吳俊峯教授榮獲教育部 111 年度玉山青年學者！
- ◇ 曾新穆教授、莊仁輝教授、李奇育教授、林一平教授、袁賢銘教授團隊榮獲 2022 未來科技獎！
- ◇ 彭文孝教授、杭學鳴教授、蕭旭峰教授、黃敬群教授、邱維辰教授計畫團隊「基於生成模型的視訊壓縮」榮獲國研院研發服務平台亮點成果獎【優等獎】！
- ◇ 曾建超教授、林彥宇教授榮升特聘教授！

### 四、學生榮譽

- ◇ 林彥宇教授指導陸玉霖同學榮獲 IPPR 第十五屆碩士論文佳作獎
- ◇ 邱維辰教授指導顏好庭同學榮獲 IPPR 第十五屆碩士論文佳作獎！

- ◇ 黃敬群教授指導陳作源同學榮獲 IPPR 第十五屆碩士論文佳作獎！
- ◇ 彭文孝教授指導何永涵同學榮獲 IPPR 第十五屆博士論文優等獎！
- ◇ 王才沛教授指導陳逸夫同學參與 AI CUP 2022 尋找花中君子—蘭花種類辨識及分類競賽獲得第二名！
- ◇ 王才沛教授指導陳逸夫同學參與 AI CUP 2022 農地作物現況調查影像辨識競賽【AI 作物影像判釋】獲得競賽第一名！
- ◇ 王才沛教授指導陳逸夫同學參與 Aldea 人工智慧共創平台【人聲語音去噪】獲得競賽第一名！
- ◇ 林靖茹、李奇育教授指導資工系陳昱丞、吳少寶同學榮獲科技部「110 年度大專學生研究計畫研究創作獎」！
- ◇ 張永儒教授指導葉素芳、吳孟欣、陳澤宇、林彥淳、張矽晶、江友軒同學榮獲 ACM CHI 2022 Best Paper Honorable Mention Award!
- ◇ 彭文孝、杭學鳴教授指導何永涵、林志軒、陳鵬宇、陳沐融、張之芃同學榮獲 ISCAS 2022 Grand Challenge on Neural Network-based Video Coding
- ◇ 陳志成教授、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！

### 1. Personnel Changes

- Dr. Yong-Sheng Chen was named Dean of Academic Affairs at National Yang Ming Chiao Tung University. Dr. Zen-Chung Shih was named director of the information technology service center at NYCU. Dr. Chi-Yu Li was named associate director of information technology service center at NYCU.
- Dr. Chien-Chao Tseng was named associate dean of College of Computer Science and director of CCS Promotional Office for Cross-Campus Collaboration, effective August 1st, 2022.



- Dr. Jiun-Long Huang has been appointed chair of Department of Computer Science, effective August 1st, 2020.
- Dr. Li-Pin Chang has been appointed director of Institute of Computer Science and Engineering, effective August 1st, 2022.
- Dr. Chun-Ying Huang has been appointed director of Institute of Network Engineering, effective August 1st, 2022.
- Dr. Yen-Yu Lin has been appointed director of Institute of Multimedia Engineering, effective August 1st, 2022.
- Dr. Wen-Hsiao Peng has been appointed director of Institute of Data Science and Engineering, effective August 1st, 2022.
- Dr. Li-Hsing Yen has been appointed director of the Degree Program of Cybersecurity Management, effective August 1st, 2022.
- The College of Computer Science and National Police Agency have formed the “Degree Program of Information and Communication for Technology Crime Investigation”, and appointed Dr. Yu-Sung Wu, the director of Graduate Degree Program of Cybersecurity, as its first director.
- Dr. Wen-Chih Peng, Dr. Chih-Wei Yi, Dr. Kate Ching-Ju Lin, and Dr. Wen-Chieh Lin formally stepped down from the posts as chair and director at the end of July, 2022. Thank you for your professional services relevant to the college's mission over the past years.

## 2. International Collaboration

- Dr. Winston K.G. Seah (Victoria University of Wellington) gave a speech at College of Computer Science, NYCU, titled “Machine Learning in Network Anomaly Detection” on May 4<sup>th</sup>, 2022.
- Dr. David Hung-Chang Du (University of Minnesota) visited the College of Computer Science, NYCU, for academic exchanges from

May to August, 2022.

- Dr. Jenq-Neng Hwang (University of Washington) visited the College of Computer Science, NYCU, for academic exchanges from June to September, 2022.
- Dr. Tony Q.S. Quek (Singapore University of Technology & Design) gave a speech at the Department of Computer Science, NYCU, titled “Machine Learning in Network Anomaly Detection” on July 8<sup>th</sup>, 2022.

## 3. Faculty Honors

- Professor Wen-Hsiao Peng, Professor I-Chen Wu, and Professor Yong-Sheng Chen won the NYCU 110 Academic Year Spring Semester Featured Courses (Innovation) Outstanding Award.
- Professor Vincent S. Tseng was awarded the 2021 IICM Medal of Honor.
- Professor Wei-Chen Chiu won the 2021 K. T. Li Young Researcher Award.
- Professor Chi-Yu Li won the 2021 K. T. Li Breakthrough Award.
- Professor Wei-Chen Chiu and Professor Mong-Jen Kao won the 10th FAOS Outstanding Scholar Awards.
- Professor Chi-Yu Li won the 10th Y.Z. Hsu Science Award.
- Professor Liwei Chan won the 2022 Wu Da-Yeu Memorial Award of the Ministry of Science and Technology.
- Dr. Chun-Feng Wu was named the 2022 Yushan Scholar by the Taiwan Ministry of Education.
- The team of Professor Vincent S. Tseng, Professor Jen-Hui Chuang, Professor Chi-Yu Li, Professor Jason Yi-Bing Lin, and Professor Shyan-Ming Yuan was awarded the 2022 Future Tech Award.

- The team of Professor Wen-Hsiao Peng, Professor Hsueh-Ming Hang, Professor Hsu-Feng Hsiao, Professor Ching-Chun Huang, and Professor Wei-Chen Chiu was awarded the R&D Service Platform Highlight Achievement Award (Excellence Award) by Taiwan Instrument Research Institute in “Video compression with generative models”.
- Professor Chien-Chao Tseng and Professor Yen-Yu Lin were named Distinguished University Professors.

## 4. Students Honors

- Yu-Lin Lu, advised by Dr. Yen-Yu Lin, was awarded the 15th IPPR Master's Thesis Award.
- Yu-Ting Yen, advised by Dr. Wei-Chen Chiu, was awarded the 15th IPPR Master's Thesis Award.
- Tso-Yuan Chen, advised by Dr. Ching-Chun Huang, was awarded the 15th IPPR Master's Thesis Award.
- Yung-Han Ho, advised by Dr. Wen-Hsiao Peng, was awarded the 15th IPPR PhD Dissertation Excellence Award.
- Yi-Fu Chen, advised by Dr. Tsaipei Wang, won the second prize in AI cup 2022 - looking for "a gentleman"- Orchid Species Identification and Classification Competition.
- Yi-Fu Chen, advised by Dr. Tsaipei Wang, won the first prize in AI cup 2022 - Image Recognition of Crop Status Survey on Farmland - Autumn Contest.
- Yi-Fu Chen, advised by Dr. Tsaipei Wang, won the first prize in the human voice denoising competition of Aldea Artificial Intelligence Collaboration Platform.
- Yu-Cheng Chen and Shao-Pao Wu, both advised by Professor Kate Ching-Ju Lin and Professor Chi-Yu Li, won the University Student Research Award for 2021.

- Su-Fang Yeh, Meng-Hsin Wu, Tze-Yu Chen, Yen-Chun Lin, XiJing Chang, and You-Hsuan Chiang, advised by Professor Yung-Ju Chang, won the ACM CHI 2022 Best Paper Honorable Mention Award.
- Yung-Han Ho, Chih-Hsuan Lin, Peng-Yu Chen, Mu-Jung Chen, and Chih-Peng Chang, advised by Professor Wen-Hsiao Peng and Professor Hsueh-Ming Hang, won the ISCAS 2022 Grand Challenge on Neural Network-based Video Coding Top Performance Award in the End-to-end Track.
- Cheng-Ying Hsieh, advised by Professor Jyh-Cheng Chen and Professor Chien Chen, won the second place in ACM MobiCom 2021 Student Research Competition.

