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國立臺灣科技大學 Taiwan Tech

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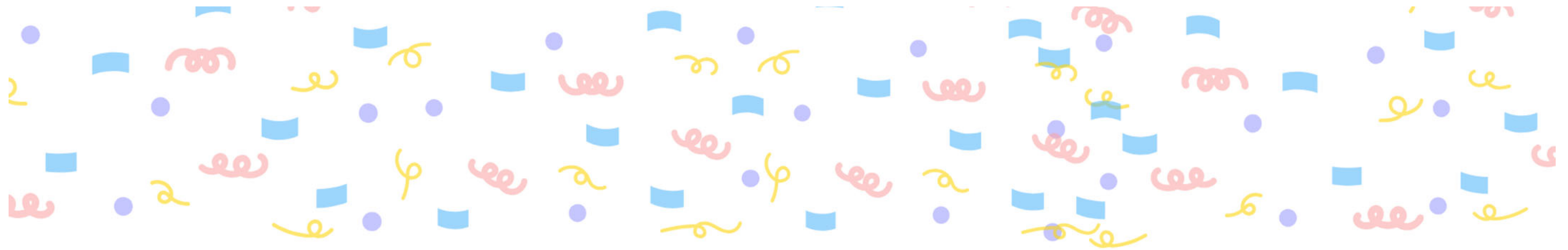
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臺科大
TAIWAN TECH



NEWS 校內新聞快報



HOT NEWS

臺科大 Taiwan Tech

校內新聞快報【九月・第07期】

School News Bulletin, September, Issue 07

邀請各位師長、學生一同來閱讀，深知校內大小事

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不會敲桿的臺科大黃柏笙同學連續3年獲得智慧撞球冠軍

Bo-Sheng Huang from Taiwan Tech, who is skilled in billiards, has won the Wisdom Billiards Championship for three consecutive years

📅 2023-09-27



臺灣科技大學在今 (112) 年上銀智慧機器手實作競賽大獲全勝，電機工程系碩一黃柏笙同學與不分系大二周佑澤同學所組成的「下一隊」在智動裝杯、智動裝袋以及智慧撞球中，全獲冠軍，共獲頒27萬元獎金。其中應用組的智動裝杯及智動裝袋項目，亞軍及季軍均從缺。更值得關注的是，黃柏笙同學已連續3年在智慧撞球獎項奪冠。關於連續3年奪得冠軍的「智慧撞球」項目，黃柏笙說，他其實不會實際敲桿打撞球，只是懂得運用影像處理程式及機器手臂等軟硬體整合，操作機器手臂擊打撞球。黃柏笙指出，上銀智慧機器手實作競賽以往都偏重在程式能力，但今年較著重在硬體的機構設備，處理複雜的機器手臂動作，因此非常感謝上銀科技在賽前借出機器手臂讓團隊練習，始能游刃有餘。也謝謝指導教授吳國彰老師提供3D列印、雷射切割等實驗室設備，以及時常分享業界經驗，讓他受益匪淺。[...點擊看更多](#)

Taiwan Tech achieved a complete victory in the 112th Hiwin Intelligence Robotic Competition this year. Bo-Sheng Huang, a first-year graduate student from the Department of Electrical Engineering, and You-Ze Zhou, a sophomore with an undecided major, formed a team called "Next Team". They won the championship in the categories of Smart Cup Dispensing, Smart Bagging, and Smart Billiards, earning a total prize of 270,000 NTD. Notably, in the Applied category, they won the championship in both the Smart Cup Dispensing and Smart Bagging projects, with the second and third places remaining vacant. Further, Huang Bo-Sheng has won the Smart Billiards award for three consecutive years. Regarding their achievement of clinching the championship in the "Smart Billiards" project, for three consecutive years, Bo-Sheng Huang mentioned that he does not physically strike the billiard balls. Instead, he possesses the knowledge to utilize image processing programs and integrate hardware and software, allowing him to operate the robotic arm to strike the billiard balls. [...more](#)

臺科大傑出校友攜手創新育成中心 頒出百萬獎金鼓勵學子創新創業

Taiwan Tech Outstanding Alumni collaborate with Business Incubation Center, awarding one million in prizes to encourage students' innovation and entrepreneurship

📅 2023-09-23



為推動臺科大學生創新創業風潮，落實校園創意實踐與產業對接，昨(22)日臺科大傑出校友聯誼會攜手創新育成中心舉辦第二屆「臺科青創明日之星選拔」，吸引31組團隊、共106人報名參賽，並有36位業師及師長投入輔導，其中傑出校友即佔20位。最後由「Ai智繪双子星」團隊就讀智慧製造科技研究所博士二年級盧業興與碩士二年級林鎧任的AI伺服器混合雲與整合服務系統獲得優勝，一舉抱回百萬創業基金。百萬優選團隊「Ai智繪双子星」是一種混合AI繪圖、運算與模型訓練、顧問服務於一體的新產品，只要使用顧問專家預載的AI環境設定伺服器，就可以透過他們自主研發的AI混和雲服務功能進行維護、更新以及顧問等各項服務，希望可以消弭只有資訊專家才可以使用AI的屏障，讓一般企業主或民眾都可以享受AI科技帶來的益處。[...點擊看更多](#)

To drive the innovation and entrepreneurship trend among students at Taiwan Tech and implement the integration of campus creativity with industry engagement, the Taiwan Tech Outstanding Alumni Association, in collaboration with the Business Incubation Center, hosted the second "Taiwan Tech Young Entrepreneurs' Rising Star Competition" on September 22, 2023. This event attracted the participation of 31 teams, comprising a total of 106 participants. Thirty-six industry experts and faculty members provided guidance, with 20 of them being outstanding alumni. In the end, the "AI Art Twin Stars" team, consisting of Yeh-Hsing Lu, a second-year Ph.D. student in Smart Manufacturing Technology, and Kai-Ren Lin, a second-year master's student, secured victory with their AI server hybrid cloud and integrated service system, earning them a substantial one-million-dollar startup fund. [...more](#)

培訓技能競賽國手讓世界看見臺灣 臺科大金牌教授林淵翔獲師鐸獎

Training Skills Competition Champions Showcasing Taiwan to the world: professor Yuan-Hsiang Lin, a gold medalist from Taiwan Tech, receives the National Excellent Teacher Award 📅 2023-09-20



擔任國手培訓教練28年、在臺科大任教14年，電子工程系林淵翔教授以不同的身份作育英才，對技職人才培育不遺餘力，今(112)年獲得師鐸獎的肯定，林淵翔教授說，雖然培訓國手或指導學生都必須付出許多心力、也曾遭受很多挫折，但他相信這是對的方向，希望自己可以對台灣的人才培育做出一些貢獻。國際技能競賽每兩年舉辦一次，素有技能界「奧林匹亞」之稱，林淵翔教授正是技能競賽國手出身，曾在1993年獲得工業電子職類金牌。轉任培訓教練後，除了帶領後來的國手勇奪4金4銀2銅4優勝的佳績外，林淵翔教授也指導臺科大學生進行開發、研究，斬獲國內外超過100個獎項。他特別重視學生的實作能力，希望理論與實務並重，所以在教學上會開發實驗模組讓學生「從做中學」。林淵翔教授在2004年從台大電機所博士班畢業後就到竹科的瑞昱半導體公司服國防役，擔任過四年半的研發工程師，最後因緣際會下來到臺科大，一待就是14年。他表示，雖然當工程師年薪很高，但現在他更喜歡當老師的自主性、多樣性以及做研究的樂趣。 [...點擊看更多](#)

With 28 years of experience as a coach for national skills competition champions and 14 years of teaching at Department of Electronic and Computer Engineering, Taiwan Tech, Professor Yuan-Hsiang Lin from the Department of Electronic Engineering has nurtured talents in various capacities. He has dedicated significant efforts to the cultivation of technical and vocational talents. This year (112), he received the prestigious National Excellent Teacher Award, acknowledging his contributions. Professor Yuan-Hsiang Lin acknowledged that although training national champions or guiding students requires immense dedication and often involves overcoming challenges, he believes it is the right direction. He hopes to make meaningful contributions to talent development in Taiwan. [...more](#)

志工團飛越九千公里推廣數位教育 臺科大將推跨國數位共學連接肯亞學子

Volunteer Group Flies Over 9,000 Kilometers to Promote Digital Education: Taiwan Tech launches Cross-Border Digital Collaborative Learning to connect Kenyan students 📅 2023-09-17



臺灣科技大學於今(17)日舉行「愛的方程式肯亞成果分享會」暨「創新跨國服務共學課程」計畫發布會，由數位學習與教育研究所翁楊絲茜教授率領學生志工分享他們在暑期前往肯亞推動數位教學支援的成果與種種感動。翁楊絲茜教授也提出「創新跨國服務共學課程」，將串聯臺灣偏鄉與肯亞學生進行線上共學，實現教育共好的核心理念，並期待臺科大志工團可以成為國民外交的先鋒，發揮更大的影響力。臺科大積極推動學術與國際交流，翁楊絲茜教授帶領17名學生志工前往非洲肯亞進行為期20天的「愛的方程式肯亞服務計畫」，讓志工們帶領肯亞學生學習近年最熱門的AI工具進行翻譯及繪圖，提倡「台灣偏鄉國際化、肯亞教育數位化」的理念。「愛的方程式肯亞服務計畫」成員以臺科大學生為大宗，其中2位同學來自清華大學、1位來自臺北健康護理大學。在過程中，志工們前往肯亞的基督國王女子國中與聖瑪麗男子高中輪班教授主題課程，內容包括聯合國永續發展目標(SDGs)愛之語共畫、社會情緒學習(Social Emotional Learning)、資訊素養及AI繪本等。 [...點擊看更多](#)

On November 17th, Taiwan Tech hosted the “The Love Formula: Sharing Achievements in Kenya” event along with the launch of “Transnational Education Serves Students”. Professor Cathy Weng from Graduate Institute of Digital Learning and Education led volunteer students to share their achievements and touching experiences in advancing digital educational support in Kenya last summer. Additionally, Professor Weng introduced the “Transnational Education Serves Students” program, aiming to facilitate online collaborative learning between students from rural areas in Taiwan and their counterparts in Kenya. This initiative embodies the core concept of educational collaboration for the greater good. The hope is for the volunteer team from Taiwan Tech to pioneer in public diplomacy, making a more significant influence. [...more](#)

臺科大2023《ledra光》魯凱族成果展演閃耀登場

📅 2023-09-11

Taiwan Tech 2023 "Ledra Light": Rukai Tribe Achievement Exhibition makes a sparkling debut



國立臺灣科技大學原住民族學生資源中心今（102）年集合原住民同學，到台東達魯瑪克部落，學習的魯凱族歷史與傳統文化，並將具體成果以《ledra光》為題，進行一週的魯凱族成果發表。《ledra光》系列展演於9月5日至9月15日在臺科大登場，一年一度的原民週，包括：靜態展覽、原民擺攤、風笛工作坊、魯凱族樂舞演出、專題講座、達路岸長廊-「我們都是最美好的存在」年展等精彩內容，期盼藉由串連藝術與文化，看見熱血當代原住民學子視角下，魯凱族文化的優美與沈穩精神。在今(11)日的開幕茶會，臺科大副校長劉志成致詞表示，臺科大同學約有10,800人，原住民同學約100人左右，原住民同學在其中就像他所研究的稀土元素一樣，在地緣政治發揮特別功能，讓臺科大獨特並不同凡響。[...點擊看更多](#)

In 2023, the Indigenous Student Resource Center at Taiwan Tech gathered indigenous students to visit the Rukai Tribe in Daren Village, Taitung, to learn about the history and traditional culture of the Rukai Tribe. They then presented their concrete achievements under the theme "Ledra Light" during a week-long Rukai Tribe achievement exhibition. The "Ledra Light" series of exhibitions took place from September 5th to September 15th at Taiwan Tech, coinciding with the annual Indigenous Peoples' Week. The event featured various exciting activities, including static exhibitions, indigenous stalls, panpipe workshops, Rukai tribal music and dance performances, special lectures, and the Daren Long Gallery exhibition titled "We Are All Beautiful Beings." Through the connection of art and culture, the hope was to showcase the beauty and steadfast spirit of Rukai tribal culture from the perspective of passionate contemporary indigenous students. [...more](#)

結合遊戲互動提升學習成效 臺科大致力翻轉教學模式

📅 2023-09-08

Taiwan Tech strives to flip the teaching model by integrating game interaction to enhance learning effectiveness



教育部「112年教學實踐研究計畫」審查結果，臺科大建築系阮怡凱教授6年間獲得5次審查通過，資訊管理系黃士禎教授獲得的補助經費則高於平均水平，臺科大教師致力改變傳統教學現場，幫助學生提升學習成效。在這些計畫中，阮怡凱教授以「導入遊戲式教學探討學生人格特質、心流經驗與學習模式滿意度之關聯性分析」獲得補助，預計開發、規劃並設計適合遊戲教材，提升教材吸引力。阮怡凱教授已5次通過教學實踐研究計畫審核，充分展現出卓越教學及研究能量。阮怡凱教授表示，近年來部分學生較難完全專注於課程中，如果繼續使用傳統的講述教學，學生可能僅僅是「人到心沒到」而已。阮怡凱教授分享，他曾規劃「投標遊戲」讓學生在課堂上扮演現實中建築投標案的各種角色，如：業主、投標商、營造廠等，透過遊戲的競爭與合作，提升學生學習動機與溝通能力，不僅使學生自願完全投入課堂，也提升學習成效。[...點擊看更多](#)

According to the results of the Ministry of Education's "Teaching Practice Research Program" for the year 112, Professor Yi-Kai Juan from the Department of Architecture at Taiwan Tech has successfully passed the review five times in the span of six years. Additionally, Professor Shih-Chen Huang from the Department of Information Management received research funding above the average level. Faculty members at Taiwan Tech are committed to transforming traditional teaching practices to help students enhance their learning outcomes. In these projects, Professor Yi-Kai Juan received funding for his research titled "Exploring the Relationship between Personality Traits, Flow Experience, and Learning Mode Satisfaction through the Introduction of Game-Based Teaching." He plans to develop, design, and implement game-based teaching materials to enhance their appeal. Professor Yi-Kai Juan's five successful approvals in the Teaching Practice Research Program reflect his outstanding teaching and research capabilities. [...more](#)

臺科大無國界工程師前往印尼、越南及宜蘭原民部落 改善偏鄉設施，推動永續發展

📅 2023-09-04

Borderless engineers from Taiwan Tech visited Indonesia, Vietnam and Indigenous Tribes in Yilan to enhance rural facilities and promote sustainable development



臺灣科技大學USR行動工程師培育計畫EIA (Engineers in Action) 團隊，於今 (112) 年暑假期間先後前往宜蘭東岳的原民部落以及印尼泗水、越南芹苴，致力改善偏鄉學校、社區設施，同時推動區域永續發展。透過多元專業的跨領域合作，成功將學術知識轉化為切實的社會貢獻，培育學生們具備國際視野和社會責任感。特別的是，今年邀請3位高中生參與，希望能夠向下紮根，融入更多年輕力量，持續實踐大學社會責任。今年是臺科大行動工程師計畫的第7年，曾在109年及110年曾因疫情原因暫時無法前往東南亞，但在疫情降溫後繼續與當地姊妹校，包括：印尼ITS泗水理工大學、印尼WMSCU韋地曼拉大學、越南CTU肯特大學的大學生合作，於印尼泗水及越南芹苴的偏鄉地區，進行一系列專業改善計畫。臺科大學生們融合各自專業知識，致力在當地實施耕種植系統、地下水系統設計及建設、黑水虻處理廚餘之循環式裝置系統設計、雨水過濾系統、司令台遮陽罩建設、廁所水電裝置、教室外牆壁彩繪等工程，為當地居民營造更好生活環境。[...點擊看更多](#)

The Engineers in Action (EIA) team from Taiwan Tech, as part of the University Social Responsibility (USR) Engineering Program, embarked on journeys during the summer of 2023. They visited indigenous tribes in Yilan's Dongyue, Surabaya (Indonesia), and Can Tho (Vietnam). Their mission was to enhance rural schools and community facilities and promote regional sustainable development. Through diverse interdisciplinary collaborations, they successfully transformed academic knowledge into tangible social contributions, cultivating students with international perspectives and a sense of social responsibility. Notably, this year's endeavors featured the inclusion of three high school students this year, aiming to root themselves in the community and involve more young talents, continuing the practice of university social responsibility.[...more](#)

臺科大新生入學指導 校長勉勵學生追求卓越、培養國際橋接力

Taiwan Tech's Freshman Orientation: President encourages students to pursue excellence and cultivate international connections

📅 2023-09-04



臺灣科技大學1日舉辦新生入學指導活動，校長顏家鈺以校訓「精誠」勉勵新生多元學習、追求卓越，進入大學後不只要做研究、學理論，實務上的技術與精益求精的態度也相當重要，而學校也會盡全力給予適合的指導與磨練，讓學生在學習與生活上都能充實、快樂。顏家鈺校長也鼓勵學生把握機會與外籍同學交流，「重點不在於講得好不好」，只要能溝通即可，希望學生鼓起勇氣用英語進行交流，藉著這些訓練成為國際上溝通串接的橋樑，最後成為一位同時具備專業、博雅素養與國際橋接力的π型人才。為方便與海外大學接軌，臺科大自112學年度起正式落實一學期16周修業周數，副教務長謝佑明也提醒同學，可以多利用臺灣大學系統，臺大、臺師大、臺科大三校的校際選課，運用跨校的學習資源，提升自我價值。[...點擊看更多](#)

Taiwan Tech held a freshman orientation on September 1st, during which President Jia-Yush Yen used the university motto '精誠' (sincerity and dedication) to encourage incoming students to engage in diverse learning, pursue excellence, and emphasized that beyond academic research and theoretical knowledge, a practical approach and a commitment to excellence are equally important in their university journey. The university is committed to providing appropriate guidance and opportunities for students to grow and excel in their academic pursuits and overall life, ensuring a fulfilling and joyful experience. During this event, President Jia-Yush Yen encouraged students to seize the opportunity to engage in exchanges with international peers. President Yen emphasized that the key is not the fluency of language but the ability to communicate effectively. He urged students to muster the courage to communicate in English, as such interactions serve as valuable training to become bridges of communication on the international stage. Ultimately, the goal is to cultivate 'π' talents who possess specialized knowledge, liberal arts education, and the ability to bridge international connections.[...more](#)