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臺科大 TAIWAN TECH



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臺科大 Taiwan Tech

校內新聞快報【一月・第35期】
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臺科大承辦臺瑞雙邊科技合作成果交流研討會 深化策略夥伴關係

Taiwan Tech hosts Taiwan–Switzerland Tech Forum to strengthen strategic partnership

2026-01-30



國科會與瑞典策略研究基金會(Swedish Foundation for Strategic Research, SSF)自2020年起推動旗艦型雙邊合作計畫，聚焦半導體與量子科技、次世代通訊(6G)、人工智慧、永續與綠色能源及先進材料等關鍵科技領域，迄今已共同支持多項具高度國際競爭力與應用潛力之研究計畫，成功建立臺瑞雙邊頂尖研究團隊間穩固且長期的合作網絡。本次由國立臺灣科技大學承辦臺瑞雙邊科技合作成果交流研討會「Taiwan–Sweden (NSTC–SSF) Bilateral Joint Research Workshop」，於1月29日至30日在宜蘭舉辦。全面展示國科會與瑞典策略研究基金會近年合作成果，並共同擘劃2026至2031年下一階段雙邊科研合作藍圖，聚焦半導體、量子科技、綠色能源，持續深化臺灣與瑞典在前瞻科技領域之策略夥伴關係。國科會副主委陳炳宇於研討會開幕致詞時表示，國科會與瑞典SSF已於2024年7月重新簽署合作備忘錄(MOU)，確立了2026至2031年的第二期合作框架。 ...點擊看更多

Since 2020, Taiwan's National Science and Technology Council (NSTC) and the Swedish Foundation for Strategic Research (SSF) have jointly promoted a flagship bilateral cooperation program focusing on key technological fields, including semiconductors and quantum technology, next-generation communications (6G), artificial intelligence, sustainability and green energy, and advanced materials. To date, the two sides have jointly supported multiple research projects with strong international competitiveness and high application potential, thereby successfully establishing a solid, long-term collaborative network between leading research teams in Taiwan and Sweden. The Taiwan–Sweden (NSTC–SSF) Bilateral Joint Research Workshop, hosted by Taiwan Tech, was held in Yilan from January 29 to 30. The workshop comprehensively showcased recent collaborative achievements between NSTC and SSF and jointly outlined the blueprint for the next phase of bilateral scientific cooperation from 2026 to 2031. ...more

2026 THE世界大學學科排名揭曉 臺科大電腦科學、工程、商業經濟及教育領域全台前五

Taiwan Tech ranks top 5 in Taiwan across four fields in 2026 THE Rankings

2026-01-30



英國《泰晤士高等教育》(Times Higher Education,THE)日前公布2026年世界大學學科排名(World University Rankings by Subject)，國立臺灣科技大學在商業與經濟、電腦科學、教育及工程學科領域持續名列全球榜單，展現在教學、研究及產學連結上的穩定發展與跨域實力。在教育(Education Studies)領域，臺科大名列全球101-125名，國內排名第二，僅次於國立臺灣師範大學。其中，臺科大在Research Quality（研究品質）指標位居全台第一，顯示學校在教育相關研究上，能持續傳播新知並提出創新理念，並將研究成果有效轉化為具深度與學術影響力的知識輸出。在競爭激烈的電腦科學(Computer Science)領域，臺科大維持全球301-400名、名列全台第四，整體表現與去年持平。近年來，臺科大在資訊工程、人工智慧及資訊安全等研究方向持續深化布局，結合跨系所研究團隊與產業合作能量，逐步累積研究成果，並將前瞻技術導入教學與實務應用，強化學生在數位轉型與智慧科技時代中的專業能力。…點擊看更多

The UK-based Times Higher Education (THE) recently released the 2026 World University Rankings by Subject. Taiwan Tech continues to rank globally in Business and Economics, Computer Science, Education, and Engineering, demonstrating its steady development and cross-disciplinary strengths in teaching, research, and industry–academia collaboration. In the field of Education Studies, Taiwan Tech is ranked 101–125 globally and second nationwide, second only to National Taiwan Normal University. Notably, Taiwan Tech ranks first nationwide in the Research Quality indicator, highlighting the university's strong performance in educational research, its ability to continuously disseminate new knowledge and propose innovative ideas, and its effectiveness in transforming research outcomes into academically impactful and in-depth scholarly contributions. ...more

「烏砰仔貯豆油」驚豔評審　臺科大學生張庭恩挺進國際青年大使

Taiwan Tech student impresses judges, selected as International Youth Ambassador

2026-01-29



國立臺灣科技大學應用外語系大四學生張庭恩，於去（114）年獲選外交部「國際青年大使交流計畫」，代表臺灣前往夏威夷、馬紹爾群島及關島等地進行國家形象宣介與文化交流。該計畫自2009年開辦以來，已培育超過1,900名優秀大專院校學生擔任國際青年大使，透過青年視角向國際社會介紹臺灣，深化臺灣與各國間的交流與理解。回顧此次出訪經驗，張庭恩表示，青年大使的角色不僅是語言能力的展現，更是一場高度考驗文化敏感度與應變能力的歷練。她提到，在關島舉辦的論壇交流中，深入接觸到當地補償原住民政策、海域安全等議題，讓她對不同歷史脈絡下的族群處境有更深刻的理解。身為師資培育生的她，也因此反思未來教學的責任，希望在教育現場中，引導學生更主動理解原住民議題，進而影響社會對原住民文化與歷史的觀看角度。外交部青年大使甄選競爭激烈，去年共有680名學生報名，歷經書面審查、面試與多階段評選，最終僅錄取40位。談及面試過程，張庭恩笑說，她特地帶了一瓶「醬油」進場，在全英文的面試中，以一句台語俗諺「烏矸仔貯豆油」作為自我介紹的亮點，象徵自己外表低調、內在卻蘊藏豐富實力，也成功讓評審留下深刻印象。...點擊看更多

Ting-En Chang, a senior student in the Department of Applied Foreign Languages at Taiwan Tech, was selected last year (2025) for the Ministry of Foreign Affairs' International Youth Ambassador Exchange Program. She represented Taiwan in Hawaii, the Marshall Islands, and Guam, promoting Taiwan's national image and facilitating cultural exchanges. Since its launch in 2009, the program has cultivated more than 1,900 outstanding university students to serve as International Youth Ambassadors, introducing Taiwan to the global community through a youth perspective and deepening mutual exchange and understanding between Taiwan and other countries. Reflecting on her overseas experience, Ting-En Chang stated that the role of a youth ambassador is not merely a demonstration of language proficiency, but also a rigorous test of cultural sensitivity and adaptability.. .....more

臺科大攜手AMD打造新世代AI教學基地 培育跨域AI創新人才

Taiwan Tech teams up with AMD to cultivate cross-disciplinary AI talent

2026-01-26



為推動人工智慧教育與產學共創，國立臺灣科技大學管理學院與國際半導體大廠超微(AMD)攜手合作，導入搭載 AMD Ryzen™ AI 處理器的 AI 筆記型電腦與 mini PC，共同建構新世代AI教學與實作場域，讓學生在校期間即能接軌產業技術趨勢，培養運用 AI 解決實際問題的跨域人才。臺科大管理學院持續推動商管與科技融合的跨域教學模式，致力於培育兼具商管與科技思維的跨域人才，此次合作更將產業級　AI　運算設備直接導入課堂，讓學生能在真實硬體環境中學習人工智慧技術，從模型建構、推理應用到情境實作，全面強化 AI 教育的深度與廣度。透過結合課程設計與產業資源，臺科大不僅讓學生「學AI」，更進一步引導學生「用 AI 解決問題」，落實理論與實務並重的教育精神。 AMD AI PC 採用 Zen 架構 CPU、RDNA 架構 GPU 與 XDNA 架構 NPU，並具備 Unified Memory 的特性，能有效支援大型語言模型部署，管理學院院長曹譽鐘表示，此次合作讓臺科大得以以可負擔的方式建立真正「可落地、可反覆實驗」的 AI 教學環境，「我們期待讓 AI 技術不再是少數人的專利，而是每位學生都能掌握的創新語言。」...點擊看更多

To promote artificial intelligence education and industry–academia co-creation, the School of Management at Taiwan Tech has partnered with the global semiconductor leader Advanced Micro Devices (AMD) to introduce AI laptops and mini PCs powered by AMD Ryzen™ AI processors. Together, they are building a next-generation AI teaching and hands-on practice environment, enabling students to connect with industry technology trends during their studies and cultivate interdisciplinary talent capable of using AI to solve real-world problems. The School of Management at Taiwan Tech has long promoted an interdisciplinary teaching model that integrates business management and technology, aiming to nurture talent with both managerial insight and technological thinking. Through this collaboration, industry-grade AI computing equipment has been directly introduced into classrooms, allowing students to learn artificial intelligence technologies in real hardware environments. From model construction and inference applications to scenario-based implementation, this initiative comprehensively strengthens both the depth and breadth of AI education.... ...more

臺科大電資學院與延世大學工程學院合辦IPAS研討會 深化學術交流

Taiwan Tech and Yonsei University co-host IPAS Symposium to deepen academic exchange

2026-01-21



由國立臺灣科技大學電資學院主辦、韓國延世大學工程學院協辦的「第四屆電資實務應用國際研討會（International Practical Applications Seminar on Electrical Engineering and Computer Science, IPAS 2025）」，於去(2025)年12月22日至23 日在韓國延世大學舉行，已圓滿落幕。本次研討會邀集臺科大電資學院與延世大學工程學院師生踴躍參與，透過跨國實體交流，深化雙方在電資相關領域的學術連結。活動內容多元豐富，包含專題學術交流、主題研討會以及延世大學工程學院相關實驗室參訪，讓與會師生得以近距離了解最新研究成果與實務應用發展。研討會內容涵蓋主題演講、口頭論文發表、海報展覽及海報競賽等多項活動，聚焦人工智慧、先進運算架構、資通訊系統、智慧應用與晶片設計等研究成果，並促進雙方師生間的研究交流與經驗分享。研討會特別邀請延世大學電機系系主任Prof. Won Woo Ro 發表題為「硬體算力演進之路：從 CPU、GPU、NPU到 QPU」專題演講。…點擊看更多

The “4th International Practical Applications Seminar on Electrical Engineering and Computer Science (IPAS 2025),” hosted by the College of Electrical Engineering and Computer Science of Taiwan Tech and co-organized by the College of Engineering of Yonsei University, was held successfully at Yonsei University in South Korea from December 22 to 23, 2025. The seminar brought together faculty members and students from Taiwan Tech and Yonsei University, fostering deeper academic connections in the fields of electrical engineering and computer science through in-person international exchange. The program featured a wide range of activities, including academic presentations, thematic seminars, and laboratory visits at the College of Engineering at Yonsei University, allowing participants to gain firsthand insight into the latest research achievements and practical applications. The seminar program included keynote speeches, oral paper presentations, poster exhibitions, and poster competitions, focusing on research outcomes in artificial intelligence, advanced computing architectures, ...more

臺科大洪維松教授打造「黑色魔毯」 技術模組化與低碳製程實務應用

Taiwan Tech Professor creates “Black Magic Carpet” enabling modular, low-carbon production

2026-01-19



全球面臨能源短缺與水資源危機，臺灣科技大學應用科技研究所洪維松教授帶領團隊，成功開發出能「一邊發電、一邊淨水」的多功能石墨烯膜，被暱稱為「黑色魔毯」。這項技術以太陽能與海浪能驅動，只要有陽光與水波，就能同時產生乾淨的水與電力，且在斬獲多項殊榮後，洪維松教授團隊更將技術提升應用至模組化與低碳製程實務操作。「黑色魔毯」研究成果發表於國際頂尖期刊《Advanced Functional Materials》，並榮獲2022全球百大科技研發獎（R&D 100 Awards）、「2025淨零排放國際競賽」臺灣組冠軍及最佳人氣獎，日前更再度獲得中國材料科學學會「2025華立創新材料大賽」優選獎殊榮。這片被稱為「黑色魔毯」的石墨烯基薄膜，其研究以四面佛（Phra Phrom）象徵整合四大環境功能：太陽蒸發、發電、污染降解與自清，呈現單一材料的多面向能力。洪維松進一步說：「我們希望讓一張膜成為多功能平台：能過濾、能發電、能感測。」他也強調，這並非單一實驗室概念，而是未來綠能與智慧材料的跨界整合方向。…點擊看更多

As the world faces growing energy shortages and water resource crises, Professor Wei-Song Hung of the Graduate Institute of Applied Science and Technology at Taiwan Tech has led his research team to successfully develop a multifunctional graphene-based membrane capable of “generating electricity while purifying water”. Nicknamed the “Black Magic Carpet,” the technology is powered by solar energy and wave energy. As long as sunlight and water movement are present, it can simultaneously produce clean water and electricity. After receiving multiple prestigious awards, Professor Hung’s team has further advanced the technology toward modular applications and practical low-carbon manufacturing processes. The research results of the “Black Magic Carpet” were published in the internationally renowned journal Advanced Functional Materials. …more.

104《大學品牌力》調查　臺科大多項指標名列前茅

Taiwan Tech leads multiple indicators in 104 Brand Power Survey

2026-01-13



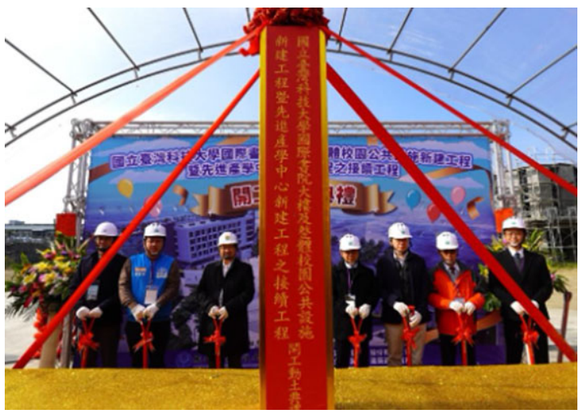
國立臺灣科技大學於104人力銀行1月7日公布的2026年《大學品牌力》調查中，再次展現穩健且全面的辦學成果，連續三年維持全台總排名第5的佳績。在細項指標中，臺科大於「性格優勢」與「學術聲望」雙雙排名第2，「研發力」排名第3，充分展現產學研並進的綜合實力；同時，更榮獲「學制標竿獎 - 國立技專校院」及「地區領航獎 - 北部技專校院」雙料第一的肯定。在排名第2的「性格優勢」指標中，企業最重視的「負責任」、「合作性」與「抗壓性」三大特質，皆為臺科大學生的核心強項。其中，「負責任」與「合作性」的優異表現，凸顯技職體系長期強調務實致用、團隊合作的教育精神。值得一提的是，臺科大在「情緒調適」與「樂觀性」兩項表現優於其他頂尖大學，反映學生在面對高壓職場環境與複雜挑戰時，具備更成熟的心理素質與執行韌性。在「學術聲望」方面，臺科大同樣排名第2，成功突破外界對技職體系的刻板印象。近年來於QS、THE等國際大學排名中屢獲高度肯定，證明以「實務應用」為導向的研究成果，亦能躋身世界一流學術殿堂，展現兼顧深度與影響力的學術實力。 …點擊看更多

Taiwan Tech once again demonstrated its steady and comprehensive educational achievements in the 2026 University Brand Power survey released by 104 Job Bank on January 7. Taiwan Tech maintained its overall national ranking at No. 5 for the third consecutive year. Among individual indicators, Taiwan Tech ranked No. 2 in both “Personality Strengths” and “Academic Reputation” and No. 3 in “R&D Capability”, highlighting its strong, well-balanced performance across industry, academia, and research. The University was also honored with two top recognitions: the “Benchmark Academic System Award – National Technical Universities” and the “Regional Leadership Award – Northern Technical Universities,” both ranking first in their respective categories. In the “Personality Strengths” indicator, where Taiwan Tech ranked No. 2, the three traits most valued by employers - responsibility, teamwork, and resilience under pressure - were all identified as core strengths of Taiwan Tech students. …more

拓展產學實作基地 臺科大新竹分部國際書院、先進產學中心重啟動工

Taiwan Tech resumes construction of Hsinchu branch International College and Advanced Industry–Academia Center

2026-01-08



國立臺灣科技大學於今(8)日於新竹分部舉行「國際書院大樓及先進產學中心接續工程」開工動土典禮，象徵新竹分部建設正式重啟，新竹縣長楊文科、竹北市民代表會主席林啟賢，以及多位縣議員及市民代表皆蒞臨見證臺科大積極深化產學鏈結、促進地方發展的重要時刻。本次接續工程計畫總經費為新臺幣 11 億元，其中「先進產學中心」預計於今(2026)年底完工，「國際書院大樓」及整體校園公共設施則預計於 2028 年 3 月全面完工。工程由潘冀聯合建築師事務所負責規劃設計，施工則由春原營造股份有限公司承攬。春原營造為上市公司春源鋼鐵工業股份有限公司之子公司，長期承攬國內外多項重大公共工程，具備豐富工程實績與專業能力。兩棟建築完工後，將與已啟用的前瞻研發中心相互串聯，具體形塑臺科大新竹分部約 7 公頃校園的整體樣貌，成為科技教育、實務應用的重要基地。新竹是台灣科技產業重鎮，匯聚半導體、高科技製造及創新研發能量，亦是科技發展的重要引擎。為強化多校區發展，臺科大積極與地方政府攜手合作，推動新竹分部建設與產學布局。本次工程除回應校務中長期發展需求，也呼應新竹縣在智慧科技、先進製造及高科技產業聚落的整體發展方向，展現大學與地方政府共同打造創新基地的具體成果。…點擊看更多

Taiwan Tech held a groundbreaking ceremony today (the 8th) at its Hsinchu Campus for the “Continuation Project of the International College Building and the Advanced Industry–Academia Center”, symbolizing the official restart of campus development in Hsinchu. Hsinchu County Magistrate Wen-Ke Yang, Zhubei City Council Speaker Chi-Hsien Lin, along with several county councilors and city representatives, attended the ceremony to witness this important milestone in Taiwan Tech’s efforts to deepen industry–academia collaboration and promote local development. The total budget for the continuation project is NTD 1.1 billion. The Advanced Industry–Academia Center is scheduled for completion by the end of 2026, while the International College Building and overall campus public facilities are expected to be fully completed by March 2028.. …more.

臺科大舉辦英語「SDGs 繞口令挑戰賽」 推廣永續理念

Taiwan Tech hosts English “SDGs Tongue Twister Challenge” to promote sustainability awareness

2026-01-07



臺灣科技大學推動 EMI（English-Medium Instruction）教學，致力於強化學生英語能力與國際溝通力。電資學院、工程學院、管理學院與應用科技學院除了共同舉辦的 EMI 科技學術月，以多元活動推動國際化學習之外，去(2025)年四個學院特別於11月28日攜手舉辦「SDGs 繞口令挑戰賽」（Tongue Twisters: SDGs and Competition），活動以趣味英語語言挑戰結合聯合國永續發展目標（SDGs），吸引本地生與國際學生熱烈參與，不僅展現四院合作成果，更是呼應臺科大推動的 EMI國際化發展重點，成為推廣永續教育的重要亮點。活動邀請學術交流基金會（Fulbright）講師以全英語介紹流程與競賽規則，並帶領分組示範與練習，協助學生熟悉以英文呈現繞口令的節奏、語音與口語表達技巧。進入競賽後，各院學生依序挑戰英文繞口令。評審團以發音(Pronunciation）、速度(Speed）及清晰度(Clarity）三項指標進行評比，全方位檢視參賽者的語音準確度、語流掌握與臨場反應能力。賽後並提供即時講評，協助學生精進英語表達，展現 EMI 教學中強調的實用語言能力。…點擊看更多

Taiwan Tech actively promotes English-Medium Instruction (EMI) to strengthen students' English proficiency and international communication skills. In addition to jointly organizing the EMI Technology and Academic Month to advance internationalized learning through diverse activities, the College of Electrical Engineering and Computer Science, the College of Engineering, the School of Management, and the College of Applied Sciences collaborated on November 28, 2025, to host the "Tongue Twisters: SDGs and Competition". By combining fun English language challenges with the United Nations Sustainable Development Goals (SDGs), the event attracted enthusiastic participation from both local and international students. The activity not only showcased the achievements of cross-college collaboration but also aligned with Taiwan Tech's EMI-driven internationalization initiatives, becoming a notable highlight in the promotion of sustainability education.. …more.

首度完賽寫紀錄　臺科大方程式賽車隊征戰澳洲FSAE-A國際賽

Record-setting finish for Taiwan Tech Formula Racing Team in the international FSAE Australia Competition

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臺科大方程式賽車隊於去(2025)年12月出征 2025 年國際學生方程式賽車聯賽澳洲站Formula SAE-A，是車隊第二次挑戰國際賽事，也是臺科大方程式賽車隊首次在國際賽事中完成所有技術檢驗與動態項目，突破團隊成立四年紀錄。 FSAE-A 前兩天為技術檢驗，後兩天為動態項目，車隊於前兩天順利通過所有技術檢驗，展現車輛設計的完整度，以及臺科大學生在工程實作、系統整合與問題解決上的專業能力。臺科大方程式賽車隊於賽事第三天與第四天站上國際賽道進行四項動態項目，分別為八字繞環、直線加速、計時賽與耐久賽，其中，耐久賽為整場賽事中最具挑戰性的項目，不僅考驗車輛在長時間高負載下的穩定性與可靠度，更全面檢驗車手的體力、專注力與耐力。本次比賽也是臺科大方程式賽車隊四位車手第一次站上國際舞台，面對陌生賽道與高強度賽事環境，並順利完成各項賽事，展現車手們極高的心理素質與專業表現。底盤組成員機械系大二的賴柏安表示，第一次站上 FSAE-A 的國際賽道，有種既緊張又興奮的感覺，從計時賽到耐久賽，每一個項目都必須全神貫注去感受車子的反應 …點擊看更多

The Taiwan Tecg Formula Racing Team departed in December 2025 to compete in the 2025 international Formula SAE Australia (FSAE-A) competition. This marked the team's second participation in an international event and also the first time the Taiwan Tech Formula Racing Team completed all technical inspections and dynamic events at an international competition, breaking a four-year milestone since the team's establishment. Group photo of the racing team members during the competition.The first two days of FSAE-A were dedicated to technical inspections, followed by dynamic events on the final two days. The team successfully passed all technical inspections during the first two days, demonstrating the completeness of the vehicle design and Taiwan Tech students' professional capabilities in engineering practice, system integration, and problem-solving. On the third and fourth days, the Taiwan Tech Formula Racing Team entered the international circuit to compete in four dynamic events: Skid Pad, Acceleration, Autocross, and Endurance. . …more.

臺科大EMRD歡慶十週年 150位校友齊聚見證學程發展里程碑

Taiwan Tech EMRD celebrates a decade of growth with 150 Alumni Reunion

2026-01-02



國立臺灣科技大學高階科技研發碩士學位學程(EMRD)日前舉辦「EMRD 十週年重返校園拾光」活動，慶祝學程創立滿十週年。活動吸引約 150 位校友、在校學生及師長返校參與，透過回顧學程發展歷程、校友交流與專題講座，展現臺科大在高階研發與科技管理人才培育上的長期成果與實務影響力。臺科大因應產業快速變遷及企業對高階研發與管理整合人才的需求，設立EMRD在職碩士學程，課程結合理論與實務，涵蓋科技研發、產業策略、創新管理與跨域整合等核心面向，協助具產業經驗的專業人才在既有基礎上深化決策能力與前瞻視野。學程成立十年來，已培育來自科技、製造、資通訊、新創等多元產業的優秀校友，逐步建立穩定、緊密且具影響力的校友網絡。十週年活動現場播放歷屆活動與學程發展影像，回顧 EMRD 從草創、課程逐步完備，到校友規模成形等重要節點，呈現 EMRD 十年來的成長軌跡與精神傳承。…點擊看更多

The Executive Master of Research and Development (EMRD) program at Taiwan Tech recently hosted the event “EMRD 10th Anniversary: Returning to Campus to Revisit Shared Memories” to celebrate the program’s tenth anniversary. The event brought together approximately 150 alumni, current students, and faculty members, who returned to campus to take part in the celebration. Through a review of the program’s development, alumni networking activities, and themed lectures, the event highlighted Taiwan Tech’s long-term achievements and practical impact in cultivating high-level professionals in advanced R&D and technology management. In response to rapid industrial transformation and growing corporate demand for professionals who integrate advanced R&D expertise with management capabilities, Taiwan Tech established the Executive Master of Research and Development (EMRD) in-service master’s program. . …more.