

東海大學資工系114學年度第二學期專題聯合評審時程

聯評時間	場地	組別	人數	專題題目(中文)	專題題目(英文)
09:05-09:25	ST405	21	3	大語言模型輔助網路 APP 測試	Large Language Model Assisted Web Application Testing
09:30-09:50	ST306	4	1	基於粒子群最佳化客戶端選擇之聯邦學習網路入侵偵測系統	A PSO-based Client Selection Approach for Federated Learning in Network Intrusion Detection Systems
09:30-09:50	ST318	11	3	跨癌別醫療知識圖譜之圖推理與結構化研究	Graph Reasoning and Structural Optimization for Cross-Cancer Medical Knowledge Graph Construction
09:30-09:50	ST319	15	2	使用U-net深度學習網路進行乳房切除手術腫瘤邊緣檢測	Using U-Net to perform tumor margin detection on breast mastectomy specimens
09:30-09:50	ST405	3	3	雙模型結合之心臟超音波報告翻譯與推論輔助診斷系統	Dual-model integration for cardiac ultrasound report translation and inference Assisted diagnosis system
09:55-10:15	ST306	19	3	機械手臂餵食輔助與陪伴互動系統	A Robotic Arm-Based Feeding Assistance and Companion Interaction System
09:55-10:15	ST318	1	1	如何再訓練輕量化LLM以求最佳生成程式效果-以RLHF以及LLAMA 3.2 3B 為例	Retraining a Lightweight LLM for Optimal Code Generation: A Case Study on RLHF and LLAMA 3.2 3B
09:55-10:15	ST319	9	2	基於 LEO 衛星環境之 UAV 通訊中QUIC及ROUTE通訊協定結合 FEC 之效能分析	Performance Analysis of FEC-Enabled QUIC and ROUTE for UAV Communications over LEO Satellite Networks
09:55-10:15	ST405	25	3	應用標籤語意補償機制之ICD-10自動化編碼實作與優化	Implementation and Optimization of an Intelligent ICD-10 Coding System Using a Label Semantic Compensation Mechanism
10:20-10:40	ST306	22	2	Kubernetes 異質叢集雙層節能排程架構	A Two-Layer Energy-Efficient Scheduling Architecture for Heterogeneous Kubernetes Clusters
10:20-10:40	ST318	7	1	桌球比賽安全發球預測模型	A safe serve prediction model for a table tennis game
10:20-10:40	ST319	14	2	結合多層次狀態辨識與全局特徵庫之智慧餐飲安全監控與人員調度機制研究	Research on smart catering safety monitoring and personnel scheduling mechanism combining multi-level status identification and global feature library
10:20-10:40	ST405	13	3	基於YOLOv8之校園電動滑板車違規騎乘即時辨識與紀錄系統	Real-Time Detection and Recording System for Campus Electric Scooter Violations Based on YOLOv8
10:45-11:05	ST306	16	3	基於區塊鏈技術的校園加密貨幣生態系統設計與實現	Design and Implementation of a Blockchain-Based Campus Cryptocurrency Ecosystem
10:45-11:05	ST318	17	3	無人機低軌衛星通訊之可擴展視訊跨層前向錯誤修正傳輸技術	Inter-Layer FEC Transmission Scheme for SVC over UAV-LEO Satellite Communications
10:45-11:05	ST319	23	3	太陽能板髒污辨識技術研究	Research on Soiling Detection Technology for Solar Panels

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10:45~11:05	ST405	24	3	結合像素級深度分割與集成學習於 CT 影像中之支氣管擴張症辨識	Identification of Bronchiectasis in CT Images Using Pixel-Level Deep Segmentation and Ensemble Learning
11:10~11:30	ST306	18	3	基於深度學習的2D X光影像三維骨骼重建	Deep Learning-Based 3D Bone Reconstruction from 2D X-ray Images
11:10~11:30	ST318	2	1	基於動態綠色好感度與大型語言模型之雙目標永續電商推薦系統實作	Implementation of a Dual-Objective Sustainable E-commerce Recommendation System Based on Dynamic Eco-Affinity and Large Language Models
11:10~11:30	ST319	5	3	基於EEG的專注力偵測系統	EEG-based Attention Detection System
11:10~11:30	ST405	10	3	基於自駕車的意外處理輔助系統	Accident Handling Assistance System for Autonomous Vehicles
11:35~11:55	ST306	6	3	基於 YOLO 之急性骨髓性白血病細胞影像分類研究——資料切分策略與特徵細胞篩選之影響分析	A Study on Acute Myeloid Leukemia Cell Image Classification Based on YOLO: The Impact of Data Splitting Strategies and Feature Cell Selection
11:35~11:55	ST318	8	3	校園網路 NAT 出口之出站 DDoS 流量偵測與自動隔離系統：規則引擎與 EWMA 統計基線之比較研究	Outbound DDoS Detection and Auto-Isolation on Campus NAT Gateways: A Comparative Study of Rule-Based Engine and EWMA Baseline
11:35~11:55	ST319	12	3	基於動態資料的 RAG-Based Temi 機器人校園導覽系統	A Dynamic Data-Driven RAG-Based Campus Navigation System with Temi Robot
11:35~11:55	ST405	20	1	基於深度強化學習與基因演算法之交通號誌最佳化研究	Research on Traffic Signal Optimization Based on Deep Reinforcement Learning and Genetic Algorithms