

2026 第 19 屆醫學影像暨放射科學系學術研討會

研討會簡報發表時程表

每位簡報時間 10 分鐘（6 分鐘發表 + 4 分鐘提問） | 開始時間：14:00

A 組簡報時程表

時間	編號	標題
14:00 - 14:10	O-AI-002	基於 YOLO11 之康普頓背散射與透射影像於監獄牆體違禁品偵測性能之對比研究
14:10 - 14:20	O-AI-003	無仿體定量超音波多參數融合模型於脂肪肝分級評估之應用
14:20 - 14:30	O-AI-005	資訊圖表融入五專醫學英文課程之學習經驗與教學成效
14:30 - 14:40	O-AI-006	大語言模型與 AI Agent 驅動攝護腺 IMRT 治療計畫參數自動最佳化
14:40 - 14:50	O-AI-009	以實證醫學方式探討大型語言模型簡化放射科報告是否兼具可讀性與準確性？
14:50 - 15:00	-	 中場休息 / Break Time
15:00 - 15:10	O-RD-001	Pix2Pix 結合 Attention U-Net 應用於冠狀動脈鈣化影像生成
15:10 - 15:20	O-RD-002	智慧灰階處理對移動式 X 光攝影低對比細節偵測的表現：假體研究
15:20 - 15:30	O-RD-003	胸部數位 X 光不同管電壓對低對比影像品質與劑量效率之研究

15:30 - 15:40	O-RD-004	不同胸部攝影模式與管電壓對數位 X 光影像動態範圍及低對比偵測效能之影響
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B 組簡報時程表

時間	編號	標題	作者
14:00 - 14:10	O-AI-001	CT-based automated infarct segmentation and three-month functional outcome prediction in acute ischemic stroke	Syu-Jyun Peng
14:10 - 14:20	O-AI-004	Segmentation of ovarian tumors from CT images using a 3D full-resolution residual encoder nnU-Net	Michael Opoku Mbroh
14:20 - 14:30	O-AI-007	Unsupervised Deep Learning Model for Metal Artifact Correction and Metal Material Prediction in kV-CBCT Images Guided by MV-CBCT	葉巧蓉
14:30 - 14:40	O-AI-008	A Physics-Informed Sim2Real Deep Learning Framework for CT Image Simulation in Radiotherapy	林芷安
14:40 - 14:50	O-AI-010	MR-Free ECD SPECT Spatial Normalization Using Cascaded U-Net with Cerebellar Intensity Preprocessing for Alzheimer's Disease Detection	Laurentia Liennart
14:50 - 15:00	-	 中場休息 / Break Time	-
15:00 - 15:10	O-NM-001	Comparative performance of quantification pipelines for measuring ^{99m}Tc -TRODAT-1 specific binding ratio in Parkinson's disease	Do Yen Nhi
15:10 - 15:20	O-RT-001	Radiomics-based machine learning prediction of long-term seizure outcomes after stereotactic radiosurgery in patients with brain arteriovenous malformation-related epilepsy	Syu-Jyun Peng
15:20 - 15:30	O-RT-002	Radiomics-Dosimetrics Machine Learning Model for Predicting Radiation-Induced Liver Disease Risk in Photon versus Proton Therapy	余舒茵

for Hepatocellular Carcinoma			
15:30 - 15:40	O-RT-003	Tissue-Specific Evaluation of Proton Stopping-Power Ratio Estimation Using Dual-Energy and Single-Energy CT	AAMIR FAROOQ
15:40 - 15:50	O-RT-004	Analysis of dose characteristics of tongue pressure plate in radiotherapy for tongue cancer	江志流