

114 電信所 AI/AI-for-COM 卓越研究與創新成果競賽獲獎公告

姓名	指導老師	論文名稱	獎項	金額
Eduin Hernandez	李冕	Communication-Efficient Federated DNN Training: Convert,Compress, Correct	金獎	90,000
李冠達	黃昱智	A Modularized Framework for Piecewise-Stationary Restless Bandits	銀獎	60,000
吳淦禎	方凱田	Adaptive-weighted Fusion Reinforcement Learning with Decision Transformer in Self-Sustainable Multi-Functional RIS-Assisted LEO Satellite Networks	銀獎	60,000
李育亭	方凱田	Integrated Sensing and Communications for RIS-Assisted Wi-Fi Systems: A Deep Reinforcement Learning Approach	銅獎	40,000
吳淦禎	方凱田	Federated Reinforcement Learning for Multi-Dual-STAR-RIS Assisted DFRC-Enabled Multi-BS in ISAC Systems	銅獎	40,000
吳淦禎	方凱田	Intelligent Load-Balancing and Resource Allocation in Space-Air-Ground Integrated Networks: A Hierarchical Multi-Agent Multi-Armed Bandit Approach	銅獎	40,000
李育亭	方凱田	Genetic Multi-Agent Reinforcement Learning for Multiple Double-Sided STAR-RISs in Full-Duplex MIMO Networks	佳作	15,000
Eduin Hernandez	李冕	DNN gradient lossless compression: Can GenNorm be the answer?	佳作	15,000
許晁浩	李大嵩	Digital-Twin Assisted Dynamic HAP Deployment and Resource Allocation Using Reinforcement Learning in Air-Ground Integrated Networks	佳作	15,000
鄭瑾鴻	方凱田	Reinforcement Learning for Energy Efficient Resource Allocation in ISAC Systems with Integrated WiFi-Radar	佳作	15,000
洪翊庭	李冕	Reinforcement Learning-Aided design of efficient polarization kernels	佳作	15,000
Sagarika Dash	李義明	Transfer learning approach to modeling multichannel gate-all-around nanosheet field-effect transistors under work function fluctuations	佳作	15,000
林冠宇	黃昱智	DOI-GAN: DEGREE OF INTERSECTION REGULARIZED GENERATIVE ADVERSARIAL NETWORK	佳作	15,000
林冠宇	黃昱智	Scenario-Adaptive Beam Prediction with Mask-Based Machine Learning Models	佳作	15,000
劉伊凡	余俊宏	Sum Rate Maximization of MU-MISO Multi-RIS aided Systems with Hardware Impairments:A Learning-driven Approach	佳作	15,000
Eduin Hernandez	李冕	Theseus in the Graph: Learning to Traverse Knowledge Graphs from Natural-Language Questions	佳作	15,000
吳淦禎	方凱田	Multi-Head Reinforcement Learning Based Resource Allocation for Integrated Sensing and Communications	佳作	15,000
吳凱澤	方凱田	Resource Allocation of Terrestrial-Satellite Service in Coexistence with Earth Exploration Satellites	佳作	15,000