Arrangement of MiTA2026

New Zealand time* **(Five hours ahead of Beijing Time**)**

February 24, 2026 Tuesday	
18:00-20:00	**Registration & Welcome Party**

February 25, 2026 Wednesday

Onsite Venue: 97 Union Pl East, North Dunedin, University of Otago - Dunedin Central Campus

Zoom link for online presentations:

https://otago.zoom.us/j/94371721019?pwd=aYjaoeCXFimE0NnsJy6W4BES2gIov1.1

Meeting ID: 943 7172 1019   Password: 218228

10:00-10:10* (6:00-6:10**)	**Opening Ceremony Host: Prof. Jeremiah D. Deng**, Otago University, New Zealand **Welcome Speech: Prof. Yunliang Jiang,** Zhejiang Normal University, China, Chair of MiTA2026
10:10-10:40	**Keynote 1**: Prescribed-Time Distributed State Estimation over Directed Networks and Applications **Keynote Speaker**: **Prof. Yang Liu,** Zhejiang Normal University, China
10:40-11:00	**Tea Break**
11:00-11:30	**Keynote 2**: Robust Object Detection for UAV Remote Sensing Images in Complex Environments **Keynote Speaker**: **Prof. Zhonglong Zheng,** Zhejiang Normal University, China
11:30-12:00	**Discussion**
12:00-13:30	**Lunch Break (Venue: Staff Club)**

Onsite Presentation

13:30-13:45	169	Efficient Domain Adaptation for Text Line Recognition via Decoupled Language Models
13:45-14:00	82	Improving Automatic Medical Coding Performance through Code Hierarchy and Co-occurrence
14:00-14:15	139	AI-Assisted Self-Counseling for Emotion Regulation: An Integrated Dual-Path Framework of Cognitive Behavioral Therapy and Positive Psychology Literature Review and Theoretical Development
14:15-14:30	170	Self-Tuning Sparse Attention: Multi-Fidelity Hyperparameter Optimization for Transformer Acceleration
14:30-14:45	68	Hybrid EA-DRL Optimisation Framework for Fast-Settling Multi-Stage PLL with Adaptive Locking Control
14:45-15:00	50	A Real-Time 3D Avatar System for Immersive Virtual Try-On on Public Displays
15:00-15:30	**Tea Break**	
15:30-15:45	140	From Management Excellence to AI Capabilities: A Study on Dynamic Capability Building in Traditional Manufacturing SME's - The Case of Precision Manufacturing Company G
15:45-16:00	123	A Machine Learning Approach for Effective Malaria Diagnosis and Parasite Profiling
16:00-16:15	141	The GDA Pathway Model for Hospital Community Development: Governance, Decision, and AI-Assisted Management
16:15-16:30	134	A Comparative Study on Solution Construction Strategies for Heterogeneous Multi-Agent Scheduling
17:00-20:00	**Banquet**	

Online Presentation (February 26-28, 2026)

February 26, 2026 Thursday			
Host: Part 1: Ass. Prof. Xin-Yuan Zhang, Part 2: Ass. Prof. Jian-Yu Li			
NZ Time*	BJ Time**	ID	Paper Titles
13:15-13:30	08:15-08:30	7	A Novel Continuous-Time Algorithm for Nonsmooth Convex Resource Allocation Optimization
13:30-13:45	08:30-08:45	8	Enhancing Jailbreak Defense with Diverse Perturbation Combinations
13:45-14:00	08:45-09:00	9	Cargo Box Detection Algorithm Based on Cross-Domain Adaptation and Contrastive Learning
14:00-14:15	09:00-09:15	11	Design and Implementation of YOLOv11-NWMD: A Lightweight Object Detection Algorithm for X-ray Medical Imaging
14:15-14:30	09:15-09:30	21	Matrix-based Genetic Algorithm with Principal Component Analysis based Adaptive Parameter Control
14:30-14:45	09:30-09:45	36	Enhanced Dung Beetle Optimization Algorithm with Chaotic Initialization and Adaptive Perturbation Strategies
14:45-15:00	09:45-10:00	40	Automated Policy Shaping for Multi-Agent Reinforcement Learning in Pursuit-Evasion Games via Retrieval-Augmented LLMs
15:00-15:15	10:00-10:15	42	Truck-Drone Collaborative Path Planning in Large-Scale Urban Scenarios
15:15-15:30	10:15-10:30	44	MobileGAN: A Lightweight Network for Underwater Image Enhancement via Perceptual and Feature Consistency Learning
15:30-15:45	10:30-10:45	45	Dynamic Multi-Objective Evolutionary Algorithm Based on Learning-Evolved Knowledge
15:45-16:00	10:45-11:00	46	A lightweight radio frequency fingerprint enhancement and recognition method
16:00-16:15	11:00-11:15	47	A Dynamic Multimodal Fusion Framework for Forest Fire Detection
16:15-16:30	11:15-11:30	51	Adaptive Key Segment Selection & Dynamic Encoding for Long-duration Speech Suicide Detection
16:30-16:45	11:30-11:45	52	Automatic Diagnosis of Cushing's Syndrome Using Combined Handcrafted and Deep Features from Patient Facial Images
16:45-17:00	11:45-12:00	54	Architectural Design and Key Technologies of Cross-Regional Heterogeneous Computing Resource Interconnection Platform
Lunch Break			
18:15-18:30	13:15-13:30	56	An Adaptive Preference Joint Ant Colony System for Multi-Objective Multi-agent Pickup and Delivery
18:30-18:45	13:30-13:45	57	Stabilization of T-S Fuzzy Impulsive Systems via A Step-Function Method
18:45-19:00	13:45-14:00	58	Redundancy-Aware Federated Unlearning with Reverse and Selective Distillation
19:00-19:15	14:00-14:15	59	Design and Implementation of a Movie Recommendation System Based on Hybrid Recommendation Algorithms

19:15-19:30	14:15-14:30	60	Scene Graph Generation Based on Language Model Assistance
19:30-19:45	14:30-14:45	61	Approximate Expected Hypervolume Improvement for Parallel Expensive Multi-objective Optimization
19:45-20:00	14:45-15:00	62	Adaptive Differential Whale Optimization Algorithm
20:00-20:15	15:00-15:15	63	Shared-Encoder Reinforcement Learning for Multitask LiDAR–Inertial SLAM
20:15-20:30	15:15-15:30	64	Task-Structure-Aware Ant Colony System for Multi-UAV Task Allocation with Precedence Constraints in Urban Airspace
20:30-20:45	15:30-15:45	65	Dual-Stream Transformer with Psychoacoustic Synergy for Dynamic Music Emotion Recognition
20:45-21:00	15:45-16:00	66	AntSearcher: An Ant Colony Optimization-Based Framework for Moving Target Search with UAVs
21:00-21:15	16:00-16:15	67	Ensemble Graph Neural Spatial Clustering: A Robust Framework for Spatial Domain Discovery in Spatial Transcriptomics
21:15-21:30	16:15-16:30	71	A GA-RL Hybrid Framework for E-Paper Waveform Optimization
21:30-21:45	16:30-16:45	72	SDformer: Spiking Dilated Self-Attention for Efficient Spiking Transformers in Vision Tasks
21:45-22:00	16:45-17:00	75	Joint Task Segmentation and Offloading for User-Centric Satisfaction Optimization in Fog Computing

February 27, 2026   Friday

Host: Part 1: Prof. Qiang Yang, Part 2: Prof. Ying Lin

NZ Time*	BJ Time**	ID	Paper Titles
13:15-13:30	08:15-08:30	77	Efficient Worker Recruitment Approach Based on Social Incentive Diffusion in Mobile Crowdsourcing
13:30-13:45	08:30-08:45	78	Genetic Programming-Based Evolutionary Strategy Generation for Complex Optimization
13:45-14:00	08:45-09:00	80	Competitive Parallel Animated Oat Optimization Algorithm
14:00-14:15	09:00-09:15	81	Structure of a Star Light Source Layout Model in Visible Light Communication
14:15-14:30	09:15-09:30	83	Deindexed Bidirectional Parallel Search for Multi-Source Shortest Paths on Dynamic Graphs
14:30-14:45	09:30-09:45	86	A Method for Accurate Extraction of Rice Planting Spatial Distribution Based on Temporal Convolutional Network and Multi-Source Remote Sensing Data
14:45-15:00	09:45-10:00	88	MVRL-CD: Multi-View Reinforcement Learning for Community Detection with Adaptive Structural Optimization
15:00-15:15	10:00-10:15	89	Enhanced Turbo Equalization for OTFS with LSMR-Aided Initial Signal Detection
15:15-15:30	10:15-10:30	90	Multi-UAV Cooperative Formation Obstacle Avoidance Control Based on Hiking Optimization with Improved Artificial Potential Field
15:30-15:45	10:30-10:45	91	Design of Online Detection System for Abnormal Noise of Automotive Electric Seat Rails
15:45-16:00	10:45-11:00	95	A Review of RT-DETR-based Object Detection
16:00-16:15	11:00-11:15	97	Research on Maize Variety Identification Based on Hyperspectral

NZ Time	BJ Time	ID	Paper Titles
			Imaging and RRTO Optimized SVM
16:15-16:30	11:15-11:30	99	High-Precision TDoA Localization for Multi-Targets with UWB Signals
16:30-16:45	11:30-11:45	101	Promoting Deep Learning through Human-AI Collaborative Teaching: Connotation Characteristics, Model Construction, and Practical Cases
16:45-17:00	11:45-12:00	102	Identification of Wheat Seed Varieties Based on Multi-Source Image Fusion and Spatial Spectral Attention Network
Lunch Break			
18:15-18:30	13:15-13:30	103	SGRS-YOLO:An Enhanced Model for Personal Protective Equipment Detection in Teaching factory Environments in Vocational institutions
18:30-18:45	13:30-13:45	104	An Extension of Bamboo Forest Growth Optimization Algorithm
18:45-19:00	13:45-14:00	105	A Spatio-Temporal Constrained Anti-Interference Correlation Filtering Target Tracking Algorithm
19:00-19:15	14:00-14:15	106	A Dynamic Constrained Multi-objective Evolutionary Algorithm Based on Graph-Temporal Neural Network
19:15-19:30	14:15-14:30	107	Purify and Refine: Graph Out-of-Distribution Detection via Test-time Representation Purification and Label-free Refinement
19:30-19:45	14:30-14:45	108	Hierarchical Cognitive Regulation for Prompt Evolution in Large Language Models
19:45-20:00	14:45-15:00	110	Deep Learning-Based Abnormal Signal Detection and Dynamic Control of Frequency Selective Surfaces
20:00-20:15	15:00-15:15	111	A Hybrid Knowledge Transfer for Multitask Optimization
20:15-20:30	15:15-15:30	112	Cement Microstructure Image Segmentation Based on an Efficient Hierarchical Multiscale Convolutional Attention Network
20:30-20:45	15:30-15:45	113	ELM-Enhanced PSO algorithm for Global Optimization
20:45-21:00	15:45-16:00	116	GeoDiff: Geometry-Conditioned Diffusion Policy for Refined Robotic Trajectory Generation
21:00-21:15	16:00-16:15	117	Tri-sequence-based Ant Colony Optimization for Facility Location Allocation in Emergency Medical Service Systems with Unmanned Aerial Vehicles
21:15-21:30	16:15-16:30	118	Bootstrapped Unseen Prototypes for Few-Shot Inspired Generative Zero-Shot Learning
21:30-21:45	16:30-16:45	119	A Theoretically Grounded Differential Privacy Framework for Mitigating Membership Inference Risks in Federated Deep Learning
21:45-22:00	16:45-17:00	121	Tri-Particle Group Collaborative PSO with Elite Reservation and Regenerative Selection

February 28, 2026   Saturday

Host: Part 1: Prof. Wei-Jie Yu, Part 2: Ass. Prof. Xiao-Fang Liu

NZ Time*	BJ Time**	ID	Paper Titles
13:15-13:30	08:15-08:30	125	A Large-Scale Multi-Objective Evolutionary Algorithm Based on Block Dimension Reduction
13:30-13:45	08:30-08:45	126	A Pruning Method via Joint Filter Diversity and Contribution Evaluation

13:45-14:00	08:45-09:00	131	Multi-scale Deconvolutional Density Estimation Network
14:00-14:15	09:00-09:15	132	Breaking Weight Loss Plateaus: A Multi-Objective Differential Evolution Framework for Personalized Health Management
14:15-14:30	09:15-09:30	133	A Matrix-based Evolutionary Algorithm for Electric Vehicle Charging Station Location
14:30-14:45	09:30-09:45	120	SAFE: A Semantic-Aware Flexible Evaluation Framework for Large Language Models-Based Sentiment Analysis
14:45-15:00	09:45-10:00	135	Lightweight Instance Segmentation for Stacked Goods Inventory
15:00-15:15	10:00-10:15	136	Genetic Algorithm with Competitive Surrogate Selection for Efficient Control Optimization of Buck Converters
15:15-15:30	10:15-10:30	137	Improving Model Utility in Privacy-Preserving Federated Learning via Adaptive Client-Level Noise Control
15:30-15:45	10:30-10:45	138	PNI-ACO: Pheromone-aware Neural Improvement for Ant Colony Optimization on the Traveling Salesman Problem
15:45-16:00	10:45-11:00	142	A Matrix-Based Multi-Objective Genetic Algorithm for Nurse Scheduling Optimization
16:00-16:15	11:00-11:15	146	Patient Disease Prediction Method Based on Improved Graph Attention Networks
16:15-16:30	11:15-11:30	150	Retinal blood vessel segmentation based on SA-UNet
16:30-16:45	11:30-11:45	152	A traffic congestion detection method based on MobileNetV3-Small, Random Forest, and Logistic Regression
16:45-17:00	11:45-12:00	155	Variational Autoencoder–Based Knowledge Transfer in Federated Continual Recommendation
Lunch Break			
18:15-18:30	13:15-13:30	156	K-means Algorithm for Optimizing Initialization and Outlier Resistance Based on Density Peak and Gaussian Kernel
18:30-18:45	13:30-13:45	158	DMF-Net: A Dual-domain Multi-scale 3D Fusion Framework for CT Synthesis in MRI-only Radiotherapy
18:45-19:00	13:45-14:00	159	Precision Prediction of Milnacipran Blood Concentration via Genetic Programming-Enhanced XGBoost with Multi-Omics Validation
19:00-19:15	14:00-14:15	160	A Comparative Analysis of Parameter Impact on PSO, GA, AND ACS for Multimodal Function Optimization
19:15-19:30	14:15-14:30	163	Inherently Latent Factorization of Tensors with Latent Feature Attention for Incomplete, High-Dimensional, and Dynamic QoS Data
19:30-19:45	14:30-14:45	164	An Empirical Study of Discretization Effects in Data-Driven Evolutionary Expensive Optimization
19:45-20:00	14:45-15:00	165	Comparing Evolutionary Computation Algorithms under Ensemble Surrogate-Based Fitness Evaluation
20:00-20:15	15:00-15:15	168	CIHML: A Heterogeneous Mutual Learning Knowledge Distillation Framework Based on Intermediate Layer Alignment