2017 Postgraduate Symposium

Department of Computer Science, University of Otago, NZ

DATE: Monday 28th August, 2017
VENUE: Room G34, Owheo Building, 133 Union St East, Dunedin

Time	Title	Speaker
Session 1: Computer Vision and Machine Learning-I		
Chair: Guangbing Xiao		
Time	Title	Speaker
9:00–9:20	*A Convolutional Self Organising Map for Visual Category Learning*	Chris Gorman
9:20–9:40	*Representation of 3D Objects via Tactile Exploration*	Xiaogang Yan
9:40–10:00	*EEG and Depressivity*	Shenghuan Zhang
10:00–10:20	*Sh...Let your brain wave talk!*	Yi Wang
10:20–10:50: Morning Break		
Session 2: Systems and Networks		
Chair: Xiaogang Yan		
10:50–11:10	*Routing and Wavelength Assignment for Multiple Multicasts in Optical Network-on-Chip*	Wen Yang
11:10–11:30	*Spherical-Wave based User Localization in LTE Networks with Massive MIMO*	Aleksei Fedorov
11:30–11:50	*Characterising HTTP Adaptive Streaming Players' Competition for Limited Bandwidth*	Lahiru Ariyasinghe
11:50–12:10	*Decentralised Data Piggybacking and Link Scheduling for Reliable Broadcast in VANETs*	Guangbing Xiao
12:10–12:30	*Power-adaptive Communication Protocol in Body Networks Using Body Motion Information*	Abbas Arghavani
12:30–13:30: Lunch Break		
Session 3: Computer Vision and Machine Learning-II		
Chair: Lahiru Ariyasinghe		
13:30–13:50	*Deep Learning for Image Classification*	Craig Atkinson
13:50–14:10	*Equivalence Classes of Mesh Patterns with a Dominating Pattern*	Murray Tannock
14:10–14:30	*Self Organising Temporal Pooling*	Daniel Slack
14:30–14:50	*Collaborative Representation of Fine-Grained Species Categories*	Tapabrata Chakraborty
14:50–15:20: Afternoon Break		
Session 4: Computer Theory, Augmented Reality and Algorithms		
Chair: Aleksei Fedorov		
15:20–15:40	*Enumerating 321-avoiding Polynomial Classes*	Jinge Li
15:40–16:00	*Sport Player Tracking and Augmented Reality Spectator*	Lewis Baker
16:00–16:20	*Can Algorithms Generate Jokes?*	Reuben Crimp
16:20 Awards Giving		