2018 Postgrads Symposium

Department of Computer Science

University of Otago, New Zealand

DATE: Monday 27th August, 2018

VENUE: Room G34, Owheo Building, 133 Union St East, Dunedin, New Zealand

Session 1: Computer Vision and Machine Learning-I		
Chair: Craig Atkinson		
Time	Title	Speaker
9:00-9:20	Line model localization with SoftPOSIT	Lewis Baker
9:20-9:40	Neural network models for learning representations of 3D objects via tactile exploration	Xiaogang Yan
9:40-10:00	Twin bounded large margin distribution machine	Haitao Xu
10:00-10:20	Shhh...Let your brainwave explaining!	David Wang
10:20-10:40 Morning Tea Break		
Session 2: Computer Vision and Machine Learning-II, Systems and Networks		
Chair: Wen Yang		
10:40-11:00	Learning to play multiple Atari games with deep reinforcement learning and pseudo-rehearsal	Craig Atkinson
11:00-11:20	EEG and depressivity	Shenghuan Zhang
11:20-11:40	User Localization in LTE Networks with Massive MIMO	Aleksei Fedorov
11:40-12:40 Lunch break		
Session 3:Systems and Networks, Computer Theory		
Chair: Jinge Li		
12:40-13:00	Blockchain-based Incentive Payment and Routing Protection in Delay-Tolerant Network(DTN)	Luming Wan
13:00-13:20	Routing and Wavelengths Assignment for Multiple Multicasts in ONoC	Wen Yang
13:20-13:40	Improving 1000minds: making the most of multiple solutions	Franz Ombler
13:40-14:00	Combinatorial Explosion (and how to make it less bad)	Murray Tannock
14:00-14:20 Afternoon Tea Break		
Session 4: Computer Theory and Information Retrieval		
Chair: David Wang		
14:20-14:40	Wilf equivalences in some small permutation classes	Jinge Li
14:40-15:00	Can AI agents be funny?	Reuben Crimp
15:00-15:20	"Let me google that for you"--Can we build an AI agent to use search engine effectively?	Johnny Flame Lee
15:20-15:40 Final Remarks and Awards		