**Programme of Events – Overview**

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**Session 1**  
8.30-10.00am  
Track A: Agent and services  
Track B: Self-Organising Multi-Agent Systems  
Refreshment Break – 10.00-10.30am

**Session 2**  
10.30am-12.00noon  
Track A: Game-theory  
Track B: Computational Justice  
Lunch Break – 12:00-1:00pm

**Session 3**  
1.00-3.00pm  
Track A: Normative Systems  
Track B: Automated Negotiation  
Refreshment Break – 3.00-3.30pm

**Session 4**  
3.30-5.30pm  
Track A: Agent-based Social Simulation

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**Welcome**  
9.30-9.35am  
Dr John Thangarajah  
What is a PhD?  
9.35-10.25am  
Professor Albert Yeap  
Refreshment Break – 10.25-10.40am

**Student Presentations**  
1.30-2.40pm  
Group 2

**Poster Session**  
2.30-3.15pm  
Group 1

**Refreshment Break – 3.15-3.30pm**

**Poster Session**  
3.30-4.15pm  
Group 2

**Panel Discussion**  
4.15-5.00pm  
Associate Professor Michael Winikoff, Dr Jeremy Pitt, Professor Aditya Ghose and Professor Albert Yeap
Tuesday 3 December

Workshops and Tutorial
Commerce Building
Room C02.19 AIH & CARE; Room C02.07 MLSDA; Room C02.04 COIN; Room C02.18 Tutorial

**AIH 2013**
The Third Australasian Workshop on Artificial Intelligence in Health

**CARE 2013**
The Fourth International Workshop on Collaborative Agents - Research and Development
Workshop Programme available at

**MLSDA 2013 Workshop on Machine Learning for Sensory Data Analysis**
Workshop Programme available at
www.covic.otago.ac.nz/MLSDA13/program.html
Room C02.07
8.30-8.45am Registration
8.45am-5.30pm Technical Sessions
Including invited presentations

**COIN@PRIMA2013 Workshop on Co-ordination, Organizations, Institutions and Norms in Agent Systems, including a special track on Agent-Based Modelling for Policy Engineering**
Workshop Programme available at
http://coin2013-prima.tudelft.nl/WorkshopProgram.html
Room C02.04
8.30-9.00am Registration
9.00am-5.00pm Technical Sessions
Including invited presentations by Stephen Cranefield and Jeremy Pitt

**Tutorial**
Theory and Applications of State Space Models for Time Series Data
Presented by Peter Tino
Room C02.18
8.30-9.00am Registration
9.00am-5.00pm Tutorial
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**AI2013**

**Session 1**
Machine Learning
10.30am-12.30pm, Archway 4

**Session 2**
Machine Learning & Evolutionary Computation
1.30-3.30pm, Archway 4

**Session 3**
Cognitive Modelling & Knowledge Representation
4.00-6.00pm, Archway 4

**PRIMA2013**

**Session 1**
Agent Architectures and Simulation
10.30am-12.30pm, Archway 2

**Session 2**
Logics of Agency & Agent Communication
1.30-3.30pm, Archway 2

**Session 3**
Robotic Systems and Agent Applications
4.00-6.00pm, Archway 2

Refer to “Social Events” for additional details.
Thursday 5 December

AI2013

Keynote Two
Nigel Gilbert
9.00-10.00am, Archway 4

Refreshment Break
10.00-10.30am, Commerce Atrium

Lunch
12.30-1.30pm, Commerce Atrium

Keynote Three
Fangzhen Lin
1.30-2.30pm, Archway 4

Refreshment Break
3.30-4.00pm, Commerce Atrium

Session 4
Knowledge Representation & Natural Language Processing
10.30am-12.30pm, Archway 4

Session 5
Agents
2.30-3.30pm, Archway 4

Session 6
6A: Planning and Scheduling
4.00-5.00pm, Archway 4
6B: Panel Discussion
5.00-6.00pm, Archway 4
AINZAC – AI New Zealand Australia Collaboration

PRIMA2013

Session 4
Normative Multi-Agent Systems
10.30am-12.30pm, Archway 2

Lunch
12.30-1.30pm, Commerce Atrium

Keynote Three
Fangzhen Lin
1.30-2.30pm, Archway 4

Refreshment Break
3.30-4.00pm, Commerce Atrium

Session 5
Learning and Emergence
2.30-3.30pm, Archway 2

Session 6
Institutions, Norms and Applications
4.00-6.00pm, Archway 2

Conference Dinner
6.10pm – Coaches depart refer to “Social Events”
Friday 6 December  

**AI2013**

**Keynote Four**  
Aditya Ghose  
9.00-10.00am, Archway 4

**Session 7**  
Search & Game Playing  
10.30am-12.30pm, Archway 4

**Session 8**  
Computer Vision & Optimisation  
1.30-3.30pm, Archway 4

**Session 9**  
AI Applications  
4.00-6.00pm, Archway 4

**Refreshment Break**  
10.00-10.30am, Commerce Atrium

**Lunch**  
12.30-1.30pm, Commerce Atrium

**Closing Session**  
6.00pm, Archway 4

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**PRIMA2013**

**Session 7**  
Negotiation and Argumentation  
10.30am-12.30pm, Archway 2

**Session 8**  
Distributed Problem Solving  
1.30-3.30pm, Archway 2

**Session 9**  
Mechanism Design and Agent Applications  
4.00-6.00pm, Archway 2
Title: Computational Disaster Management

Abstract: The frequency and intensity of natural disasters has significantly increased over the past decades and this trend is predicted to continue. Natural disasters have dramatic impacts on human lives and on the socio-economic welfare of entire regions; they are identified as one of the major risks of the East Asia and Pacific region. Dramatic events such as Hurricane Katrina and the Tohoku tsunami have also highlighted the need for decision-support tools in preparing, mitigating, responding, and recovering from disasters.

In this talk, I will present an overview of some recent progress in using optimization for disaster management and, in particular, in relief distribution, power system restoration, and evacuation planning and scheduling. I will argue that optimization has a significant role to play in all aspects of disaster management, from policy formulation to mitigation, operational response, and recovery, using examples of systems deployed during hurricanes Irene and Sandy. Moreover, I will indicate that disaster management raises significant computational challenges for AI technologies which must optimize over complex infrastructures in uncertain environments. Finally, I will conclude by identifying a number of fundamental research issues for AI in this space.
AI2013

Session 1
Machine Learning
10.30am-12.30pm
Archway 4
Chair – Jeremiah Deng

• Propositionalisation of Multi-instance Data using Random Forests (Eibe Frank and Bernhard Pfahringer)
• An Effective Method for Imbalanced Time Serial Classification: Hybrid Sampling (Guohua Liang)
• Computer Aided Diagnosis of ADHD using Brain Magnetic Resonance Images (B.S. Mahanand, R. Savitha, and S. Suresh)
• Evaluating Sparse Codes on Handwritten Digits (Linda Main, Benjamin Cowley, Adam Kneller, and John Thornton)
• A New Paradigm for Pattern Classification: Nearest Border Techniques (Yifeng Li, B. John Oommen, Alioune Ngom, and Luis Rueda)
• Learning Polytrees With Constant Number of Roots From Data (Javad Safaei, Ján Maňuch, and Ladislav Stacho)

PRIMA2013

Session 1
Agent Architectures and Simulation
10.30am-12.30pm
Archway 2
Chair – Martin Purvis

• Incorporating PGMs into a BDI architecture (Yingke Chen, Jun Hong, Weiru Liu, Lluís Godo, Carles Sierra and Michael Loughlin)
• Improving the reactivity of BDI agent programs (Hoa Khanh Dam, Tiancheng Zhang and Aditya Ghose)
• The Impact of Exchanging Opinions in Political Decision-making on Voting by Using Multi-agent Simulation (Yuichiro Sudo, Shohei Kato and Atsuko Mutoh)
• GAMA v. 1.6: Advancing the art of complex agent-based modeling and simulation (Arnaud Grignard, Patrick Taillandier, Benoit Gaudou, Nghi Quang Huynh, Duc-An Vo and Alexis Drogoul)
• Towards semantic merging of versions of BDI agent system (Yingzhi Gou, Hoa Khanh Dam and Aditya Ghose) (Short paper)
Session 2
Machine Learning & Evolutionary Computation
1.30-3.30pm
Archway 4
Chair - Grant Dick

• MML Ridge Regression for Generalised Linear Models
  (Daniel F. Schmidt and Enes Makalic)

• Ultimate Order Statistics-based Prototype Reduction Schemes
  (A. Thomas and B. John Oommen)

• Learning Risky Driver Behaviours from Multi-Channel Data
  Streams using Genetic Programming (Feng Xie, Andy Song, Flora
  Salim, Athman Bouguettaya, Timos Sellis, and Doug Bradbrook)

• Particle Swarm Optimisation and Statistical Clustering for Feature
  Selection (Mitchell C. Lane, Bing Xue, Ivy Liu, and Mengjie Zhang)

• Evaluating the Seeding Genetic Algorithm
  (Ben Meadows, Patricia J. Riddle, Cameron Skinner, and Michael W. Barley)

• A Constructive Artificial Chemistry To Explore Open-Ended
  Evolution (Thomas J. Young and Kourosh Neshatian)

Session 2
Logics of Agency & Agent Communication
1.30-3.30pm
Archway 2
Chair - Guido Governatori

• Reaching your goals without spilling the beans: Boolean secrecy
  games (Nils Bulling, Sujata Ghosh and Rineke Verbrugge)

• Agents homogeneous: A procedurally anonymous semantics
  characterizing the homogeneous fragment of ATL
  (Sjur Kristoffer Dyrkolbotn and Truls Pedersen)

• Defendable Security in Interaction Protocols
  (Wojtek Jamroga, Matthijs Melissen and Henning Schnoor)

• SAT-based Bounded Model Checking for Weighted Interpreted
  Systems and Weighted Linear Temporal Logic
  (Bozena Wozna-Szczesniak, Andrzej Zbrzezny and Agnieszka Zbrzezny)

• Information Dependencies in MCS: Conviviality-Based Model and
  Metrics (Patrice Caire and Antonis Bikakis) (Short paper)
AI2013

Session 3
Cognitive Modelling & Knowledge Representation
4.00-6.00pm
Archway 4
Chair - Michael Maher

• Evidence for response consistency supports polychronous neural groups as an underlying mechanism for representation and memory (Mira Guise, Alistair Knott, and Lubica Benuskova)

• Affect Detection from Virtual Drama (Li Zhang, John Barnden, and Alamgir Hossain)

• Updates and Uncertainty in CP-nets (Cristina Cornelio, Judy Goldsmith, Nicholas Mattei, Francesca Rossi, and K. Brent Venable)

• Some Complexity Results for Distance-Based Judgment Aggregation (Wojciech Jamroga and Marija Slavkovik)

• Conjunctive Query Answering in CFDnc: A PTIME Description Logic with Functional Constraints and Disjointness (David Toman and Grant Weddell)

PRIMA2013

Session 3
Robotic Systems and Agent Applications
4.00-6.00pm
Archway 2
Chair - Frank Dignum

• A Human-Inspired Collision Avoidance Method for Multi-robot and Mobile Autonomous Robots (Fan Liu and Ajit Narayanan)

• A Reliability Analysis Technique for Estimating Sequentially Coordinated Multirobot Mission Performance (John Porter, Kawa Cheung, Joseph Giampapa and John Dolan)

• Designing a Multiagent System for Course-Offering Determination (Fuhua Lin and Wu Chen)

• Using Agent Technology for Ambient Assisted Living (Nikolaos Spanoudakis and Pavlos Moraitis) (Short paper)

• Computational Model of Affective Moral Decision Making that predicts Human Criminal Choices (Matthijs Pontier, Jean-Louis van Gelder and Reinout de Vries) (Short paper)
Title: Agents might not be people

Abstract: In most agent-based systems, the agents are intended to represent individual people. This is not surprising as we tend to think of the social world as being driven by the actions of individuals (so-called ‘methodological individualism’). On occasion, however, we develop models in which the agents represent firms, nation states or other collectivities, without considering deeply the implications of doing so.

In this talk, I shall discuss the opportunities for agent-based models that are based on non-human agents, using several examples. First, I outline the defining features of an ‘agent’. I then consider a model, the Simulating Knowledge dynamics of Innovation Networks (SKIN) model, in which the agents are firms, considering the ways in which the firms are similar to and different from human actors. Then I describe a simulation of academic science in which scientific papers, normally considered to be objects rather than actors, can usefully be represented as agents, and interpret this model in terms of actor-network theory. Finally, I describe recent work on modelling social practices for which theory sees people as being the substrate on which social practices are carried, and discuss the perennial issue of the extent to which it is useful to see the macro level emerge from the micro, and the micro being affected by the macro. I conclude by recommending that we should be readier to consider non-human agents when modelling the social world.
Session 4
Knowledge Representation & Natural Language Processing
10.30am-12.30pm
Archway 4
Chair - Ji Ruan

• Bisimulation for single-agent plausibility models (Mikkel Birkegaard Andersen, Thomas Bolander, Hans van Ditmarsch, and Martin Holm Jensen)

• An Efficient Tableau for Linear Time Temporal Logic (Ji Bian, Tim French, and Mark Reynolds)

• Relative Expressiveness of Well-Founded Defeasible Logics (Michael J. Maher)

• Supraclassical Consequence Relations: Tolerating Rare Counterexamples (Willem Labuschagne, Johannes Heidema, and Katarina Britz)

• Enhanced N-gram Extraction Using Relevance Feature Discovery (Mubarak Albathan, Yuefeng Li, and Abdulmohsen Algarni)

• A neural network model of visual attention and group classification, and its performance in a visual search task (Hayden Walles, Anthony Robins, and Alistair Knott)

Session 4
Normative Multi-Agent Systems
10.30am-12.30pm
Archway 2
Chair - Jeremy Pitt

• Evaluating the Cost of Enforcement by Agent-based Simulation: A Wireless Mobile Grid Example (Tina Balke, Julian Padget and Marina De Vos)

• Compliant business process design by declarative specifications (Francesco Olivieri, Guido Governatori, Simone Scannapieco and Matteo Cristani)

• Social Norm Recommendation in Virtual Agent Societies (Bastin Tony Roy Savarimuthu, Julian Padget and Maryam A. Purvis)

• Norm Representation and Reasoning: a Formalization in Event Calculus (Wagdi Alrawagfeh)

• nADICO: A Nested Grammar of Institutions (Christopher Frantz, Martin Purvis, Mariusz Nowostawski and Bastin Tony Roy Savarimuthu) (Short paper)
KEYNOTE THREE

Professor Fangzhen Lin

1.30-2.30pm
Archway 4

Fangzhen Lin is Professor of Computer Science and Engineering at the Hong Kong University of Science and Technology. He received his Ph.D. in computer science from Stanford University, and before coming to Hong Kong, spent several years as a post-doctoral researcher at the University of Toronto. His main research area is Knowledge Representation and Reasoning.

He received the Croucher Foundation Senior Research Fellowship award in 2006, a Distinguished Paper Award at IJCAI-1997, a Best Paper Award at KR-2000, an Outstanding Paper Honorable Mention at AAAI-2004, the Ray Reiter Best Paper award at KR-2006, and an Honorable Mention for his planner R at the AIPS-2000 planning competition. He is currently an Associate Editor and Chair of the Awards Committee of Artificial Intelligence journal, and had been on the Advisory Board of Journal of Artificial Intelligence Research. He was program co-chairs of KR 2010 and LPNMR 2009, and has served on the program committees of numerous international conferences in AI. More information about him can be found on his web page. www.cs.ust.hk/~flin

Title: Satisfiability to Linear Algebra

Abstract: Satisfiability of boolean formulas (SAT) is an interesting problem for many reasons. It was the first problem proved to be NP-complete by Cook. Efficient SAT solvers have many applications. In fact, there is a huge literature on SAT, and its connections with other optimization problems have been explored. In this talk, I discuss a way to map clauses to linear combinations, and sets of clauses to matrices. Through this mapping, satisfiability is related to linear programming, and resolution to matrix operations.
Session 5
Agents
2.30-3.30pm
Archway 4
Chair - John Thangarajah

• A Logic Framework of Bargaining with Integrity Constraints (Xiaoxin Jing, Dongmo Zhang, and Xudong Luo)

• Security Games with Ambiguous Information about Attacker Types (Youzhi Zhang, Xudong Luo, and Wenjun Ma)

• A mechanism to improve efficiency for negotiations with incomplete information (Quoc Bao Vo)

Session 5
Learning and Emergence
2.40-3.30pm
Archway 2
Chair - Tina Balke

• Emotional Multiagent Reinforcement Learning in Social Dilemmas (Chao Yu, Minjie Zhang and Fenghui Ren)

• A Multi-agent Based Migration Model for Evolving Cooperation in the Spatial N-Player Snowdrift Game (Raymond Chiong and Michael Kirley)
Thursday 5 December  
**AI2013 and PRIMA2013 Conferences**

### Session 6A
Planning and Scheduling  
**4.00-5.00pm**  
**Archway 4**  
Chair - Michael Thielscher

- Evolving Stochastic Dispatching Rules for Order Acceptance and Scheduling via Genetic Programming *(John Park, Su Nguyen, Mark Johnston, and Mengjie Zhang)*

- Detecting Mutex Pairs in State Spaces by Sampling *(Mehdi Sadeqi, Robert C. Holte, and Sandra Zilles)*

- Scheduling for Optimal Response Times in Queues of Stochastic Workflows *(Michal Wosko, Irene Moser, and Khalid Mansour)*

### Session 6B
Panel Discussion  
**5.00-6.00pm**  
**Archway 4**  
Chair - Michael Thielscher

- AINZAC - AI New Zealand Australia Collaboration

### AI2013

### Session 6
Institutions, Norms and Applications  
**4.00-6.00pm**  
**Archway 2**  
Chair - Virginia Dignum

- Procedural Justice and `Fitness for Purpose' of Self-Organising Electronic Institutions *(Jeremy Pitt, Dídac Busquets and Regis Riveret)*

- A methodology for plan revision under norm and outcome compliance *(Simone Scannapieco, Guido Governatori, Francesco Olivieri and Matteo Cristani)*

  *(Short paper)*

- A Computational Agent Model of Physical Activity Based on Social Cognitive Theory *(Julienka Mollee and Natalie Van Der Wal)*  
  *(Short paper)*

- Evaluating the Impact of Human-Agent Teamwork Communication Model (HAT-CoM) on the Development of Shared Mental Model *(Nader Hanna, Deborah Richards and Michael Hitchens)*  
  *(Short paper)*

### PRIMA2013
Professor Aditya Ghose

Aditya Ghose is Professor of Computer Science at the University of Wollongong. He leads a team conducting research into knowledge representation, agent systems, services, business process management, software engineering and optimization and draws inspiration from the cross-fertilization of ideas from this spread of research areas. He works closely with some of the leading global IT firms. Ghose is President of the Service Science Society of Australia and Vice-President of CORE, Australia’s apex body for computing academics. He holds PhD and MSc degrees in Computing Science from the University of Alberta, Canada (he also spent parts of his PhD candidature at the Beckman Institute, University of Illinois at Urbana Champaign and the University of Tokyo) and a Bachelor of Engineering degree in Computer Science and Engineering from Jadavpur University, Kolkata, India. In his spare time, Ghose explores how computer science can contribute to a better understanding of the history of civilization.

Title: Agents in the era of big data: What the “end of theory” might mean for agent systems

Abstract: Our ability to collect, manage and analyze vast amounts of data has led some to predict the demise of theory. This has important implications for research in agent systems. It can mean that specifications of agent intent, or of agent behaviour, or the norms that constrain agent behaviour can be learnt from data and maintained in the face of continuous data streams. I will offer some examples of how the agents community is beginning to leverage data in this fashion, and what the challenges might be in the future.
Session 7
Search & Game Playing
10.30am-12.30pm
Archway 4
Chair – Abhaya Nayak

• Diversify intensification phases in local search for SAT with a new probability distribution (Thach-Thao Duong, Duc-Nghia Pham, and Abdul Sattar)

• A New Efficient In Situ Sampling Model for Heuristic Selection in Optimal Search (Santiago Franco, Michael W. Barley, and Patricia J. Riddle)

• Model Checking for Reasoning about Incomplete Information Games (Xiaowei Huang, Ji Ruan, and Michael Thielscher)

• Game Description Language Compiler Construction (Jakub Kowalski and Marek Szykuła)

• Neuroevolution for Micromanagement in the Real-Time Strategy Game Starcraft: Brood War (Jacky Shunjie Zhen and Ian Watson)

• Towards General Game-Playing Robots: Models, Architecture and Game Controller (David Rajaratnam and Michael Thielscher)

Session 7
Negotiation and Argumentation
10.30am-12.30pm
Archway 2
Chair – Makoto Yokoo

• An Efficient Route Minimization Algorithm for the Vehicle Routing Problem with Time Windows based on Agent Negotiation (Petr Kalina, Jirí Vokřínek and Vladimír Marík)

• Higher-order theory of mind in negotiations under incomplete information (Harmen De Weerd, Rineke Verbrugge and Bart Verheij)

• Non-Standard Uses of PIRIKA: Pilot of the Right Knowledge and Argument (Yutaka Oomidou, Hajime Sawamura, Takeshi Hagiwara and Jacques Riche)

• Agent’s Strategy in Multiple-Issue Negotiation Competition and Analysis of Result (Shota Morii and Takayuki Ito) (Short paper)

• A Framework for Analyzing Simultaneous Negotiations (Yoshinori Tsuruhashi and Naoki Fukuta) (Short paper)
Session 8
Computer Vision & Optimisation
1.30-3.30pm
Archway 4
Chair – Brendan McCane

• A One-shot Learning Approach to Image Classification using Genetic Programming (Harith Al-Sahaf, Mengjie Zhang, and Mark Johnston)

• Event Detection using Quantized Binary Code and Spatial-Temporal Locality Preserving Projections (Hanhe Lin, Jeremiah D. Deng, and Brendon J. Woodford)

• Growing neural gas video background model (GNG-BM) (Munir Shah, Jeremiah D. Deng, and Brendon J. Woodford)

• Image Segmentation with Adaptive Sparse Grids (Benjamin Peherstorfer, Julius Adorf, Dirk Pflüger, and Hans-Joachim Bungartz)

• A Framework for the Evaluation of Methods for Road Traffic Assignment (Syed Galib and Irene Moser)

• Constraint Optimization for Timetabling Problems using a Constraint Driven Solution Model (Anurag Sharma and Dharmendra Sharma)

Session 8
Distributed Problem Solving
1.30-3.30pm
Archway 2
Chair – Aditya Ghose

• Embedding Preference Ordering for Single-phase Self-stabilizing DCOP Solvers (Toshihiro Matsui, Marius Silaghi, Katsutoshi Hirayama, Makoto Yokoo and Hiroshi Matsuo)

• Decentralized Area Partitioning for a Cooperative Cleaning Task (Chihiro Kato and Toshiharu Sugawara) (Short paper)

• Modeling and Algorithm for Dynamic Multi-Objective Distributed Optimization (Maxime Clement, Tenda Okimoto, Tony Ribeiro and Katsumi Inoue) (Short paper)

• Lightweight Distributed Adaptive Algorithm for Voting Procedures by using Network Average Consensus (Clement Duhart, Michel Cotsaftis and Cyrille Bertelle) (Short paper)

• A New Ant Colony Optimization Method Considering Intensification and Diversification (Mitsuru Haga and Shohei Kato) (Short paper)
Session 9
AI Applications
4.00-6.00pm
Archway 4
Chair – Alistair Knott

• Protein Fold Recognition Using an Overlapping Segmentation Approach and a Mixture of Feature Extraction Models (Abdollah Dehzangi, Kuldip Paliwal, Alok Sharma, James Lyons, and Abdul Sattar)

• Neighborhood Selection in Constraint-Based Local Search for Protein Structure Prediction (Swakkhar Shatabda, M.A. Hakim Newton, and Abdul Sattar)

• On Caching for Local Graph Clustering Algorithms (René Speck and Axel-Cyrille Ngonga Ngomo)

• Provenance-Based Trust Estimation for Service Composition (Jing Jiang and Quan Bai)

• 3D EEG Source Localisation: A preliminary investigation using MML (Thi H. Kyaw and David L. Dowe)

• DEPTH: A Novel Algorithm for Feature Ranking with Application to Genome-wide Association Studies (Enes Makalic, Daniel F. Schmidt, and John L. Hopper)
Social Events

Wednesday 4 December

The Conference Reception will be held at St Margaret's College commencing at 6.00pm. The College is located in the heart of the campus and is a peaceful setting for you to take the opportunity to meet other delegates. Light food and refreshments will be available.

Thursday 5 December

The Conference Dinner will be held at Larnach Castle. Coaches will leave at 6.10pm from the Union Street entrance to the Commerce Building to take you to the venue. The journey to the Castle will take approximately 30 minutes and you will travel around the Dunedin Harbour and up Highcliff Road on the Peninsula Hills to the Castle. You will have the opportunity to explore New Zealand’s only Castle and its beautiful gardens before the Haggis Ceremony and dinner commences. Coaches will leave the Castle at approximately 9.15pm for the return journey to the city. The coaches will make stops in the central city and the Commerce Building.
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University of Auckland

IFAAMAS International Foundation for Autonomous Agents and Multiagent Systems
University of Otago Campus

If you need after hours assistance, the Campus Watch operator is available 24 hours on phone +64 3 479 5000.

There is a small map of the campus on the back page of this Programme Booklet.
A full Campus Map is available at:
www.otago.ac.nz/about/otago042558.pdf

Dunedin Dining

Dunedin has a large number of restaurants and cafes offering a variety of menus.
www.menumania.co.nz/restaurants/browse/dunedin-city
www.menus.co.nz/restaurants/dunedin-city-centre/

Weather

Dunedin weather can be changeable with variations in temperature from a cool 10 degrees to a warm 25 degrees Celsius at this time of year.

Dunedin Weather forecast available at
Registrations Level 2 Commerce Building F6.14
Sessions Archway Theatres F5.08
Conference Reception St Margaret’s College