

**COMPUTING POSTGRADUATE (RESEARCH) MINI-CONFERENCE
E6A 102, Macquarie University**

19 September 2005 (Monday)

SESSION 1A (9 am – 10:30 am)

PALYAGAR Bhavani ***A Framework for Validating Requirements Engineering Process Improvements***

SUTANTYO Daniel ***On the Set of Largest Prime Divisors: A Brief Excursion on Number Theory***

TYCHSEN Anders ***Game Masters – live control of multiplayer games and simulations***

10.30-11.00am *Morning Tea (in the foyer)*

SESSION 1B (11 am – 12:30 pm)

LI Xiang ***Web services based Payment system security analysis***

LIN Ching ***Mobile Agent Security***

ZHANG Jun Qi ***A Secure Multicast Architecture and Protocol for MOSPF***

12.30 – 1.30pm *Lunch (provided in the tea room)*

SESSION 2A (1:30 pm – 3 pm)

CHO Woo Chul

SHRESTHA Nirisha ***Dynamic Topologies in Mobile Networking***

ZHANG Ke-Bing ***Hi-dimensional Data Behaviour Analysis in Data Mining by Visualization***

3.00-3.30pm *Afternoon Tea (in the foyer)*

SESSION 2B (3:30 pm – 5 pm)

MA Ji ***Formal Theories of Trust for Secure Systems***

MILLER Gillian ***A Conceptual Semantics and Constraints Framework for Semi-structured Information Domains***

20 September 2005 (Tuesday)

SESSION 3A (9 am – 10:30 am)

GUPTA Gaurav

Watermarking of text documents

ALKAHWATI Majid

Monitoring and Management business collaboration base on Service Level Agreement

XING Zhe

Applied Cryptography--Cryptanalysis of AES

10.30-11.00am

Morning Tea (in the foyer)

SESSION 3B (11 am – 12:30 pm)

CHOULARTON Derek

Early Stage Detection of Speech Recognition Errors

LONG Vanessa

Table Analysis and Interpretation Using Linguistic and Domain Information

NG Alex Chi Keung

Challenges to Data Transport in Supporting Heterogeneous Web Services Protocol Stacks

12.30 – 1.30pm

Lunch (provided in the tea room)

SESSION 4A (1:30 pm – 3 pm)

FALLAH MOSHFEGHI Kourosh

Digital Image Watermarking for Copyright Protection

PIZZATO Luiz Augusto

Classifying Sentences using Induced Structure

TARTARY Christophe

Efficient Multicast Stream Authentication for the Fully Adversarial Network Model

VERDIAN Gilbert

WANG Peishun

Private Information Retrieval

3.00-3.30pm

Afternoon Tea (in the foyer)

SESSION 4B (3:30 pm – 5 pm)

BALAKRISHNAN Venkatesan

Secure Framework for Mobile Wireless Ad Hoc & Sensor Networks

INDRAKANTI Sarath

On Engineering Authorization Services for the Service Oriented Architecture

LOVATT Howard Craig

A Pattern Enforcing Compiler (PEC) For Java

MATUSIEWICZ Krystian

Differential patterns for attacks on SHA-1

MCDONALD Cameron Allen

Analysis of Cryptographic Protocols

21 September 2005 (Wednesday)

SESSION 5A (9 am – 10:30 am)

ORGUN Bhavna

Dialogue based Automation of Semantic Interoperability in Multi Agent Systems (DASMAS)

ROBERTS Matthew Damien

Implementing the Pattern Calculus

TRAN Huu Guong

Security In Distributed Storage System

WATSON Brett Keith

Internet Message Transfer Architecture

10.30-11.00am

Morning Tea (in the foyer)

SESSION 5B (11 am – 12:30 pm)

BOWER Matthew Graydon

Online Approaches to Developing Expertise in Computer Science

MANTRATZIS Constantine

DOM-Based XHTML Document Structure Analysis Separating Content From Navigation Elements

POWLEY Brett Richard

Natural Language Processing applied to Bibliographic Data

SEDAGHAT Soroush

Development of a Real-time False Preventive User Identity Management Solutions for eGovernment Systems & Services

STEFANOV Kate

Space Optimisation for Interpreted Languages

12.30 – 1.30pm

Lunch (provided in the tea room)

SESSION 6A (1:30 pm – 3 pm)

AKHMATOVA Elena

When Computer Makes its own Conclusions

GAO Yi Fan

Interactive Systems Design for Face and Hand Gesture Recognition

LEE Joanne

Distributed Algorithms in Extremely Mobile Networks

WONG Man

3.00-3.30pm

Afternoon Tea (in the foyer)

SESSION 6B (3:30 pm – 5 pm)

CHO Joo Yeon

Non-linear masking on the stream ciphers

MAGHAYDAH Mo'ad

An XML Management System Based on RDBMS

PASUPATHINATHAN Vijayakrishnan

Electronic Cheque Payments

PROST Jean Philippe

Modelling Gradiance in Natural Language

VAZEY Megan Margaret