

# The 9th Australasian Language Technology Workshop 2011

The continuation of an annual workshop series that has existed since the early 90s.

**Technical Co-chairs:** 

Diego Mollá

PhD, Senior Lecturer, Macquarie University

**David Martinez** 

PhD, Researcher, NICTA and University of Melbourne







www.alta.asn.au/events/alta2011/workshop@alta.asn.au



## Linkages





The 2nd combined conference of the Applied Linguistics Association of Australia and the Applied Linguistics Association of New Zealand



The 42nd Annual Conference of the Australian Linguistics Society



The 16th Australasian Document Computing Symposium

### **Visit Canberra**

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## Programme (Haydon-Allen Building, Go40 unless marked otherwise)

#### Thursday 1 December 2011

08:15-09:00 Registration

09:00-10:00 Keynote presentation

Buntine: Discovery in Text: Visualisation, Topics and Statistics

10:30-10:40 Introductory remarks by local organisers

10:40-12:20 Oral presentations

Börschinger and Johnson: A Particle Filter algorithm for Bayesian Wordsegmentation Jones, Johnson, Goldwater: Formalizing Semantic Parsing with Tree Transducers Johnson: Parsing in Parallel on Multiple Cores and GPUs

Parviz, Johnson, Johnson, Brock: Using Language Models and Latent Semantic Analysis to Characterise the N400m Neural Response

14:00-15:15 Oral presentations

Ishihara: A Forensic Authorship Classification in SMS Messages: A Likelihood Ratio Based Approach Using N-gram

Kim and Cavedon: Classifying Domain-Specific

Terms Using a Dictionary

Merity and Curran: Frontier Pruning for Shift-Reduce CCG Parsing

15:45-16:15 Poster highlights

Cocks and Keegan: A Word-based Approach for Diacritic Restoration in Māori

Akagi and Ursini: The Interpretation of Complement Anaphorae: the case of The Others

Ursini and Akagi: The Interpretation of Plural Pronouns in Discourse: The Case of They Mcdonald, Knott, Zeng, Cohen: Learning from Student Responses: A Domain-independent Natural Language Tutor

Miah, Yearwood, Kulkarni: Detection of Child

Exploiting Chats from a Mixed Chat Dataset as a Text Classification Task

Nowina-Krowicki, Zschorn, Pilling, Wark: ENGAGE: Automated Gestures for Animated Characters

17:25-18:45 Poster session with ALS + drinks (Tea Room, Coombs building)

19:30-Dinner (Delhi 6)

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#### Friday 2 December 2011

08:30-09:00 Registration

09:00-10:40 Joint session with ADCS

(Haydon-Allen Building, Tank)

Wang, Mccarthy, Baldwin: Predicting Thread Linking Structure by Lexical Chaining Molla and Santiago-Martinez: Development of a Corpus for Evidence Based Medicine

Summarisation

Symonds, Bruza, Sitbon, Turner: Tensor Query Expansion: A Cognitively Motivated Relevance Model

Shen, Li, Xu, Lannella, Algarni, Tao: An Ontology-based Mining Approach for User Search Intent Discovery

#### 11:10-12:25 Oral presentations

Lareau, Dras, Boerschinger, Dale: Collocations in Multilingual Text Generation: Lexical Functions Meet Lexical Functional Grammar Sarker, Molla, Paris: Outcome Polarity Identification of Medical Papers Wong, Dras, Johnson: Topic Modeling for Native Language Identification

14:00-15:00 Prizes and AGM

15:00-15:30 Special presentation

Estival: OzCLO: The Australian Computational Linguistic Olympiad

16:00-16:45 Special presentation

Molla and Sarker: Automatic Grading of Evidence: The 2011 ALTA Shared Task

16:45-17:00 Wrap-up

17:25-18:45 Poster session with ALS

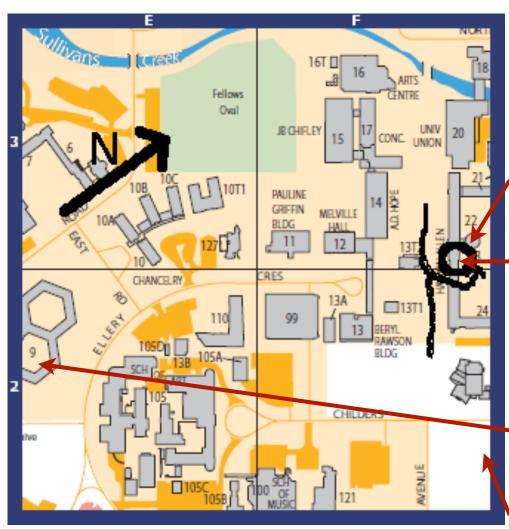
+ drinks (Tea Room, Coombs building)











#### **Early-Bird Registration**

until 20 Nov 2011 for 50 AUD at www.alta.asn.au/events/ alta2011/

#### **Joint Sessions**

Haydon-Allen Building Tank

## Registration Desk and Main Venue

Australian National University, Canberra

Haydon-Allen Building Room Go40

#### Posters

Coombs building Tea Room

**Dinner: Delhi 6** 14 Childers Street

#### **Organising Co-chairs:**

**Wray Buntine** 

PhD, Principal Researcher, NICTA and ANU

Hanna Suominen

PhD, Researcher, NICTA and ANU

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