



# 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](http://www.alta.asn.au/events/alta2011/workshop@alta.asn.au)



# alta 2011

Australian National University, Canberra, ACT, Australia; 1-2 Dec

## Linkages

canberra langfest 2011  
27 November – 9 December 2011 | Canberra | Australia



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

<http://www.visitcanberra.com.au/>



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## Programme (Haydon-Allen Building, G040 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)**

### 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)



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Butler Hill**

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## Early-Bird Registration

until 20 Nov 2011

for 50 AUD at

[www.alta.asn.au/events/alta2011/](http://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 G040

## 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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