Welcome to

HLT/EMNLP 2005

Human Language Technology Conference
Conference on Empirical Methods in Natural Language Processing

October 6-8, 2005
Vancouver, B.C., Canada

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Useful Conference Information

Email/Internet Connections: If you are staying at the Westin Bayshore, conference hotel, you may purchase internet connectivity through the hotel for your room. However, the conference organizers have negotiated a reduced "package" rate of $25 for the duration of the conference to any/all attendees of HLT/EMNLP, DUC and IWPT. The purchase of this internet password will provide access throughout the conference space 24 hours each day but will not reach to your hotel room. If you are interested in making the password purchase for $25, please see the Internet Password person at the registration desk. We will accept Mastercard and Visa, checks payable to "ACL", or cash.

Speaker Presentations: Please arrive at your session at least 15 minutes prior to the beginning of the session in which your presentation is scheduled. You will be able to connect your laptop to a switcher containing all talks of that particular session. There will be a person there to assist you. If your presentation requires internet access and you have not acquired an internet password at the registration desk, please alert the Internet Password person at the registration desk prior to your session.

Demos and Posters Presenters: You may begin setting up your demos and posters anytime during or after the afternoon break on Friday, October 7th. We will have posterboards, pins, tape and other supplies available at the registration desk.

Useful Hotel Information

Service Express® A Westin specialty. The telephone in your room offers the convenience of just one number to call for all your requests, from housekeeping to room service. **Concierge** Night or day, our helpful concierge goes the extra mile to answer your questions, help you plan the next day's activities or simply recommend nearby attractions to visit.

Car Rentals Planning to make a number of business visits while you're in town? Or how about exploring the North Shore, Whistler, the Gulf Islands and Steveston fishing village? Rental cars of different sizes available on the premises.

Unique Shopping British Columbia souvenirs, unique west coast Canadian merchandise, stylish fashions and convenience foods. They're all available at a variety of specialty stores in the Resort.

Bank Machine Our automated teller machine (ATM) supports Interac, most major bank networks in Canada and the United States and a number of international networks.

Massage Services Restore, relax and rejuvenate with a professional massage. When it comes to unknotting tight muscles after a long flight, soothing away the aches and pains of a full day of outdoor activities or relieving tension and stress, your best bet is a visit to our on-site massage center. Gift certificates available.

24-Hour Valet Parking Parking is frequently a problem at downtown hotels. Our valets will park your car and retrieve it from our parking garage, any time of the day or night (fee is applicable).

Free Shuttle Service If your plans include a visit to one of the nearby attractions or downtown shopping areas, we offer a free shuttle service that will even pick you up afterward!

Presentation Services Planning that big meeting and need a little help? Our in-house experts at Presentation Services are at your service to accommodate all your audio/visual requirements.

Business Centre Whether it's to copy that important presentation for you meeting, fax a note to your assistant or to simply send a quick e-mail home, our business centre is at your service - 24 hours a day.

Airport Shuttle Service Airport shuttle conveniently departs every half hour from the Resort to Vancouver International Airport (fee is applicable).

Self Parking If you'd rather park your vehicle yourself, self-parking is conveniently located adja-

HANDY THINGS TO KNOW

Currency: We recommend all visitors use Canadian currency when traveling within Canada. Visitors can exchange currency at Canadian chartered banks, trust companies, credit unions, or at offices of foreign exchange brokers, but it is advised to have local currency on hand prior to arriving. Some hotels, merchants, restaurants and suppliers accept US or other foreign currency at a pre-determined rate, which may differ from the daily rate posted by financial institutions.

-Coins are in denominations of $2, $1, $0.50, $0.25, $0.10, $0.05, $0.01

-Canadian one dollar coin ("loonie") ($) = 100 cents

-Canadian two dollar coin ("toonie") ($) = 200 cents

-Notes are in denominations of $1000, $100, $50, $20, $10, $5

Taxes: Individual: There are three levels of taxation that affect visitors to Vancouver. There's a 10% tax charged on accommodation and liquor. For most other goods and services, there is a 7.5% provincial sales tax (PST) and the 7% federal goods and services tax (GST.)
Provincial Sales Tax (7%goods/services), (10% liquor): Sales tax on all purchases is seven percent, except for liquor, which is 10 percent. However, if a visitor purchases goods and services and the vendor ships the goods or services directly to their home location outside of British Columbia, no sales tax is charged. This excludes automobiles, aircraft and building materials.
Goods and Services Tax (GST; 7%): The Federal Goods and Services Tax (GST) of seven per cent is an additional tax applicable to most purchased goods and services purchased in Canada, regardless of whether the buyer is a resident of or visitor to Canada. The GST can be partially reimbursed or rebated to non-residents of Canada.
Visitor Tax Rebate: Visitors to Vancouver from outside the country can apply to have the GST returned to them when they leave the country, but they must keep purchase receipts as proof of the amount paid. Application forms are included in the booklet Tax Refund for Visitors to Canada, which is widely available at Tourist Information Centres, hotels, duty-free shops, shopping centres, retail stores and travel agents.   You can also phone the Visitor Rebate Program at 1.800.668.4748 (within Canada) or 902.432.5608 (outside Canada).

Tipping: Some properties and resort hotels include tips or gratuities with tours group to simplify bookkeeping. This will usually include gratuities for housekeeping, bell service and food service. If meals are included in the price, customary gratuity will be calculated at 15 per cent. Visitors should be advised that the standard tip in most restaurants is 15 per cent

Useful Telephone Numbers: Vancouver Touristinfo Centre: 604.683.2000
Emergency: 911   BC Rail: 604.984.5246
Weather Report: 604.664.9010   Road Reports: 1.900.451.4997
Canada Customs: 604.666.0545   Ski Information: 604.299.9000 ext. 3070

HANDY THINGS TO KNOW (CONTINUED)

Electricity: Outlets and voltage (110 volts) are the same as in the United States. Small appliances such as hair dryers, irons, razors, etc. can be used in Canada. For those from other countries, adapters are required for electrical appliances. The frequency of electrical current in Canada is 60 Hz.

Smoking Laws: Smoking is not permitted by law in public buildings, on public transit, in shopping malls, and in most restaurants, pubs, nightclubs and casinos. Many restaurants and other establishments have designated smoking areas such as patios or outside heated seating areas. Please smoke in designated areas only.

INTERESTING FACTS

Population: The following are approximate population numbers based on 2001 Canadian Census reports:

- City of Vancouver: 582,045- the largest group (35%) is between ages 25 and 45 years
- Greater Vancouver: 2, 028, 996- 49.5% of BC's population of 4.1 million

Time Zones: The majority of British Columbia is in the Pacific Standard Time Zone; however, a small portion of the province that borders the Rocky Mountains are in the Mountain Time Zone, one hour ahead of the Pacific Zone. Daylight Savings Time is in effect from 0200hr on the first Sunday in April until 0200hr on the last Sunday in October.

INSIDER INFORMATION

Knowing where to turn to hear what's happening in a city can make all the difference. Here's where the locals look to find out what's happening in Vancouver.

"The Arts Hotline": call 604.684.ARTS (604.684.2787) for the latest information on performing and visual arts events in and around Vancouver. Live assistance is available Monday to Friday, 9 a.m. to 5 p.m. PST. The Arts Hotline is a service of the Alliance for Arts & Culture, 938 Howe St. (at Smithe), home of the Arts Info Centre. Drop in Monday to Friday, 9-5 p.m.

CBC Radio is Canada's national radio station: dial 690 AM for commercial free, public radio with local programming morning (6 to 9 a.m.), noon and afternoon (4 to 6 p.m.). Only in Canada: 6:30 to 7:30 p.m. "As It Happens", a look at day's news with international interviews. To contact the CBC, call 604.662.6000 or go to www.cbc.ca.

The Georgia Straight is Vancouver's news-and-entertainment weekly offering an up-to-date calendar of events for the city. Whether it's live theatre, concerts, dance, films, restaurants or children's activities, the "Straight" is Vancouver's best bet for planning a night out. The Straight also publishes thoughtful features and profiles covering the city's political and cultural life. The Straight is published on Thursdays and is available free at grocery stores, clothing outlets, theatres, and many other locations around the city. The Georgia Straight is located at 1770 Burrard Street, 2nd floor; phone: 604.730.7000; www.straight.com.

The Vancouver Sun is the major newspaper, published every morning except Sunday; complete entertainment section Thursdays; weekly TV Guide on Fridays. Mac Parry, former editor of "Vancouver", "Western Living" and "VISTA" writes "Talk of the Town", a gossipy look at who's who

GETTING AROUND:

Vancouver Transit System: The Vancouver transit system, TransLink, is made up of a network of buses and unique services such as the SeaBus and SkyTrain. TransLink provides transit services covering over 1800 square kilometres of the Greater Mainland of Vancouver - getting around the city is convenient, easily accessible and often provides beautiful views of the city!
To contact TransLink, call 604.953.3333 or visit their website at www.translink.bc.ca.
Buses Coast Mountain Bus Co. operates TransLink's bus services, running busiest routes from 5 a.m. to 1 a.m. It also operates the popular cross-harbour passenger ferry service, SeaBus.SkyTrain
SkyTrain SkyTrain, a completely automated light rapid transit system, offers fast, efficient service between downtown Vancouver and the suburbs. SkyTrain stations and cars are wheelchair accessible and are closely linked with bus service at almost all stations. SkyTrain operates daily, every 2-5 minutes
SeaBus   SeaBus is a unique, passenger-only, wheelchair accessible ferry service that connects Vancouver from Waterfront Station to Lonsdale Quay on the North Shore. The scenic crossing of Burrard Inlet takes 12 minutes and offers a breathtaking perspective of the city, sea and mountains
West Coast Express The commuter train service, West Coast Express, links several outer suburbs to downtown Vancouver. Early morning services run westbound from Mission and late afternoon services eastbound from Vancouver, Monday to Friday only
False Creek AquaBus For those wanting to get to the shops, restaurants, theatre and public market of Granville Island, a fun, fast and scenic route is available. The False Creek AquaBus provides service to/from Granville Island and several docks located along the downtown Seawall. Runs daily, 9am to 7pm, approximately every 20 minutes. For more information, visit www.aquabus.bc.ca.
Fares Greater Vancouver is divided into three fare zones for all transit services (with the exception of West Coast Express). Zones are in effect each morning until 6:30 PM Monday to Friday.
One Zone: $ 2.25 Adults / $ 1.50 Concession

Two Zone: $ 3.25 Adults $ / 2.00 Concession

Three Zone: $ 4.50 Adults $ / 3.00 Concession

Off Peak (No Zones) $ 2.25 Adults / $ 1.50 Concession

Concession Fare Eligibility:

Children 5-13 years of age (4 and under ride FREE)

Students 14-19 years of age with a valid TransLink GoCard

Seniors 65+ years with proof of age

Day passes available at Vancouver Touristinfo Centre or at fare dealers throughout the city.

Note: Public buses do not give change. Please carry exact amount

 BC Ferries: BC Ferries has two Vancouver mainland ferry terminals, Tsawwassen and Horseshoe Bay, which provide access to Vancouver Island, the Gulf Islands and the Sunshine Coast. Tsawwassen is approximately 45 minutes south of the downtown Vancouver and provides services to Victoria, Nanaimo and the Southern Gulf Islands. Horseshoe Bay, about 45 minutes north of Vancouver, offers services to Nanaimo, Bowen Island and the Sunshine Coast. Crossing Times: Tsawwassen - Victoria (crossing time: 90 minutes); Horseshoe Bay - Nanaimo (crossing time: 90 minutes) and Tsawwassen - Nanaimo (crossing time: 2 hours) Contact: For up-to-date fare and schedule information, as well as driving directions for all major ferry terminals, visit www.bcferries.bc.ca or call BC Ferries at 250.386.3431, within BC 1.888.223.3779   BC Ferries accepts advance reservations for many of their services.   Reservations Line: call 1.888.724.5223

**Local Vancouver Map
(red star indicates the conference hotel)**

The Westin Bayshore Resort and Marina
1601 Bayshore Drive
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Tel: (604) 682-3377
Fax: (604) 687-3102
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Www.westin.com/bayshore

Conference Program

Wednesday, October 5, 2005
3:00-6:30   Registration
6:00–8:00   Opening Reception *(partially sponsored by Googl*e)

Thursday, October 6, 2005
7:30-5:30   Registration
8:45–9:00   Opening Session
9:00–10:00   **Invited Talk: Larry Hunter**
10:00-10:30   Break
Session 1A: Anaphora and Information Structure

10:30–10:55 *Improving LSA-based Summarization with Anaphora Resolution*
        Josef Steinberger, Mijail Kabadjov, Massimo Poesio and Olivia Sanchez-Graillet
10:55–11:20 *Data-driven Approaches for Information Structure Identification*
        Oana Postolache, Ivana Kruijff-Korbayova and Geert-Jan Kruijff
11:20–11:45 *Using Semantic Relations to Refine Coreference Decisions*
        Heng Ji, David Westbrook and Ralph Grishman
11:45–12:10 *On Coreference Resolution Performance Metrics*
        Xiaoqiang Luo

Session 1B: Error Detection and Correction
10:30–10:55 *Improving Multilingual Summarization: Using Redundancy in the Input to Correct MT er-rors*
        Advaith Siddharthan and Kathleen McKeown
10:55–11:20 *Error Detection Using Linguistic Features*
        Yongmei Shi and Lina Zhou
11:20–11:45 *Semantic Similarity for Detecting Recognition Errors in Automatic Speech Transcripts*
        Diana Inkpen and Alain D´ esilets
11:45–12:10 *Redundancy-based Correction of Automatically Extracted Facts*
        Roman Yangarber and Lauri Jokipii

Session 1C: Word Alignment
10:30–10:55 *NeurAlign: Combining Word Alignments Using Neural Networks*
        Necip Fazil Ayan, Bonnie J. Dorr and Christof Monz
10:55–11:20 *A Discriminative Matching Approach to Word Alignment*
        Ben Taskar, Lacoste-Julien Simon and Klein Dan
11:20–11:45 *A Discriminative Framework for Bilingual Word Alignment*
        Robert C. Moore
11:45–12:10 *A Maximum Entropy Word Aligner for Arabic-English Machine Translation*
        Abraham Ittycheriah and Salim Roukos
12:10–2:00 Lunch on your own
Session 2A: Topic Tracking and Entity Detection

2:00–2:25 *A Large-Scale Exploration of Effective Global Features for a Joint Entity Detection and Tracking Model*
        Hal Daum´ e III and Daniel Marcu
2:25–2:50 *Novelty Detection: The TREC Experience*
        Ian Soboroff and Donna Harman
2:50–3:15 *Tell Me What You Do and I'll Tell You What You Are: Learning Occupation-Related Activities for Biographies*
        Elena Filatova and John Prager
3:15–3:40 *Using Names and Topics for New Event Detection*
        Giridhar Kumaran and James Allan

Locations During Conference:	
Foyer	Registration
Salon A/B/C	All Plenary Sessions
Salon A	All Track A
Salon B	All Track B
Salon C	All Track C
Salon D/E/F	Demo/Poster Reception
DUC	Seymour
IWPT	MacKenzie

Thursday, October 6, 2005 (continued)

Session 2B: Text Categorization and Learning

2:00–2:25 *Investigating Unsupervised Learning for Text Categorization Bootstrapping*
  Alfio Gliozzo, Carlo Strapparava and Ido Dagan
2:25–2:50 *Speeding up Training with Tree Kernels for Node Relation Labeling*
  Jun'ichi Kazama and Kentaro Torisawa
2:50–3:15 *Kernel-based Approach for Automatic Evaluation of Natural Language Generation Technologies:*
  Application to Automatic Summarization
  Tsutomu Hirao, Manabu Okumura and Hideki Isozaki
3:15–3:40 *Discretization Based Learning for Information Retrieval*
  Dmitri Roussinov and Weiguo Fan

Session 2C: Machine Translation

2:00–2:25 *Local Phrase Reordering Models for Statistical Machine Translation*
  Shankar Kumar and William Byrne
2:25–2:50 *HMM Word and Phrase Alignment for Statistical Machine Translation*
  Yonggang Deng and William Byrne
2:50–3:15 *Inner-Outer Bracket Models for Word Alignment using Hidden Blocks*
  Bing Zhao, Niyu Ge and Kishore Papineni
3:15–3:40 *Alignment Link Projection Using Transformation-Based Learning*
  Necip Fazil Ayan, Bonnie J. Dorr and Christof Monz

3:40-4:15 Break

 Session 3A: Language Modeling

4:15–4:40 *Predicting Sentences using N-Gram Language Models*
  Steffen Bickel, Peter Haider and Tobias Scheffer
4:40–5:05 *Training Neural Network Language Models on Very Large Corpora*
  Holger Schwenk and Jean-Luc Gauvain
5:05–5:30 *Minimum Sample Risk Methods for Language Modeling*
  Jianfeng Gao, Hao Yu, Wei Yuan and Peng Xu

Session 3B: Robust Dialogue Processing

4:15–4:40 *A Salience Driven Approach to Robust Input Interpretation in Multimodal Conversational Systems*
  Joyce Y. Chai and Shaolin Qu
4:40–5:05 *Error Handling in the RavenClaw Dialog Management Architecture*
  Dan Bohus and Alexander Rudnicky
5:05–5:30 *Effective Use of Prosody in Parsing Conversational Speech*
  Jeremy G. Kahn, Matthew Lease, Eugene Charniak, Mark Johnson and Mari Ostendorf

Session 3C: Summarization

4:15–4:40 *Automatically Learning Cognitive Status for Multi-Document Summarization of Newswire*
  Ani Nenkova, Advaith Siddharthan and Kathleen McKeown
4:40–5:05 *Bayesian Learning in Text Summarization*
  Tadashi Nomoto
5:05–5:30 *Discourse Chunking and its Application to Sentence Compression*
  Caroline Sporleder and Mirella Lapata

Friday, October 7, 2005

7:30-5:30   Registration
9:00–10:00   **Invited Talk: Sanjeev Khudanpur**

10:00-10:30 Break

Session 4A: Training and Adaptation

10:30–10:55 *A Comparative Study on Language Model Adaptation Techniques Using New Evaluation Metrics*
            Hisami Suzuki and Jianfeng Gao
10:55–11:20 *PP-attachment Disambiguation using Large Context*
            Marian Olteanu and Dan Moldovan
11:20–11:45 *Compiling Comp Ling: Weighted Dynamic Programming and the Dyna Language*
            Jason Eisner, Eric Goldlust and Noah A. Smith
11:45–12:10 *Learning What to Talk about in Descriptive Games*
            Hugo Zaragoza and Chi-Ho Li

Session 4B: Question Answering

10:30–10:55 *Using Question Series to Evaluate Question Answering System Effectiveness*
            Ellen Voorhees
10:55–11:20 *Combining Deep Linguistics Analysis and Surface Pattern Learning: A Hybrid Approach to Chinese*

            Definitional Question Answering
            Fuchun Peng, Ralph Weischedel, Ana Licuanan and Jinxi Xu
11:20–11:45 *Enhanced Answer Type Inference from Questions using Sequential Models*
            Vijay Krishnan, Sujatha Das and Soumen Chakrabarti
11:45–12:10 *A Practically Unsupervised Learning Method to Identify Single-Snippet Answers to Definition
            Questions on the Web*
             Ion Androutsopoulos and Dimitrios Galanis

Session 4C: Opinion and Sentiment Analysis

10:30–10:55 *Collective Content Selection for Concept-to-Text Generation*
            Regina Barzilay and Mirella Lapata
10:55–11:20 *Extracting Product Features and Opinions from Reviews*
            Ana-Maria Popescu and Oren Etzioni
11:20–11:45 *Recognizing Contextual Polarity in Phrase-Level Sentiment Analysis*
            Theresa Wilson, Janyce Wiebe and Paul Hoffmann
11:45–12:10 *Identifying Sources of Opinions with Conditional Random Fields and Extraction Patterns*
            Yejin Choi, Claire Cardie, Ellen Riloff and Siddharth Patwardhan

12:10–2:00 Lunch on your own

Session 5A: Textual Entailment and Inference

2:00–2:25 *Disambiguating Toponyms in News*
            Eric Garbin and Inderjeet Mani
2:25–2:50 *A Semantic Approach to Recognizing Textual Entailment*
            Marta Tatu and Dan Moldovan
2:50–3:15 *Detection of Entity Mentions Occuring in English and Chinese Text*
            Kadri Hacioglu, Benjamin Douglas and Ying Chen
3:15–3:40 *Robust Textual Inference via Graph Matching*
            Aria Haghighi, Andrew Ng and Christopher Manning

Friday, October 7, 2005 (continued)

Session 5B: Word Sense and Polysemy

2:00–2:25 *Bootstrapping Without the Boot*
    Jason Eisner and Damianos Karakos
2:25–2:50 *Differentiating Homonymy and Polysemy in Information Retrieval*
    Christopher Stokoe
2:50-3:15 *Unsupervised Large-Vocabulary Word Sense Disambiguation with Graph-based Algorithms for Sequence Data Labeling*
    Rada Mihalcea
3:15–3:40 *Domain-Specific Sense Distributions and Predominant Sense Acquisition*
    Rob Koeling, Diana McCarthy and John Carroll

Session 5C: Named Entity Recognition and Transliteration

2:00–2:25 *Chinese Named Entity Recognition with Multiple Features*
    Youzheng Wu, Jun Zhao, Bo Xu and Hao Yu
2:25–2:50 *Cluster-specific Named Entity Transliteration*
    Fei Huang
2:50–3:15 *Extracting Personal Names from Email: Applying Named Entity Recognition to Informal Text*
    Einat Minkov, Richard C. Wang and William W. Cohen

Session 6A: Sequence Models

4:15–4:40 *Part-of-Speech Tagging using Virtual Evidence and Negative Training*
    Sheila M. Reynolds and Jeff A. Bilmes
4:40–5:05 *Bidirectional Inference with the Easiest-First Strategy for Tagging Sequence Data*
    Yoshimasa Tsuruoka and Jun'ichi Tsujii
5:05–5:30 *Context-Based Morphological Disambiguation with Random Fields*
    Noah A. Smith, David A. Smith and Roy W. Tromble

Session 6B: Large-Scale Systems

4:15–4:40 *Mining Key Phrase Translations from Web Corpora*
    Fei Huang, Ying Zhang and Stephan Vogel
4:40–5:05 *Robust Named Entity Extraction from Large Spoken Archives*
    Benoit Favre, Fr´ed´eric Bechet and Pascal Noc´era
5:05–5:30 *Mining Context Specific Similarity Relationships Using The World Wide Web*
    Dmitri Roussinov, Leon J. Zhao and Weiguo Fan

Session 6C: Statistical Parsing

4:15–4:40 *Hidden-Variable Models for Discriminative Reranking*
    Terry Koo and Michael Collins
4:40–5:05 *Disambiguation of Morphological Structure using a PCFG*
    Helmut Schmid
5:05–5:30 *Non-Projective Dependency Parsing using Spanning Tree Algorithms*
    Ryan McDonald, Fernando Pereira, Kiril Ribarov and Jan Hajic

6:00-9:00   Demos and Posters Reception

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Posters:

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Making Computers Laugh: Investigations in Automatic Humor Recognition
        Rada Mihalcea and Carlo Strapparava
Optimizing to Arbitrary NLP Metrics using Ensemble Selection
        Art Munson, Claire Cardie and Rich Caruana

Word Sense Disambiguation Using Sense Examples Automatically Acquired from a Second Lan-guage
        Xinglong Wang and John Carroll
Using MONA for Querying Linguistic Treebanks
        Stephan Kepser
KnowItNow: Fast, Scalable Information Extraction from the Web
        Michael J. Cafarella, Doug Downey, Stephen Soderland and Oren Etzioni
A Cost-Benefit Analysis of Hybrid Phone-Manner Representations for ASR
        Eric Fosler-Lussier and C. Anton Rytting
Emotions from Text: Machine Learning for Text-based Emotion Prediction
        Cecilia Ovesdotter Alm, Dan Roth and Richard Sproat
Combining Multiple Forms of Evidence While Filtering
        Yi Zhang and Jamie Callan
Handling Biographical Questions with Implicature
        Donghui Feng and Eduard Hovy
The Use of Metadata, Web-derived Answer Patterns and Passage Context to Improve Reading Comprehension Performance
        Yongping Du, Helen Meng, Xuanjing Huang and Lide Wu
Identifying Semantic Relations and Functional Properties of Human Verb Associations
        Sabine Schulte im Walde and Alissa Melinger
Accurate Function Parsing
        Paola Merlo and Gabriele Musillo
Recognising Textual Entailment with Logical Inference
        Johan Bos and Katja Markert
A Self-Learning Context-Aware Lemmatizer for German
        Praharshana Perera and Ren´ e Witte
A Robust Combination Strategy for Semantic Role Labeling
        Llu´ys M` arquez, Mihai Surdeanu, Pere Comas and Jordi Turmo
A Methodology for Extrinsically Evaluating Information Extraction Performance
        Michael Crystal, Alex Baron, Katherine Godfrey, Linnea Micciulla, Yvette Tenney
        and Ralph Weischedel
Multi-Lingual Coreference Resolution With Syntactic Features
        Xiaoqiang Luo and Imed Zitouni
Analyzing Models for Semantic Role Assignment using Confusability
        Katrin Erk and Sebastian Pado
Improving Statistical MT through Morphological Analysis
        Sharon Goldwater and David McClosky
A Translation Model for Sentence Retrieval
        Vanessa Murdock and W. Bruce Croft
Maximum Expected F-Measure Training of Logistic Regression Models
        Martin Jansche
Evita: A Robust Event Recognizer For QA Systems
        Roser Saur´y, Robert Knippen, Marc Verhagen and James Pustejovsky

6:00-9:00   Demos and Posters Reception

Posters (continued):

Using Sketches to Estimate Associations
Ping Li and Kenneth W. Church

Context and Learning in Novelty Detection
Barry Schiffman and Kathleen McKeown

A Shortest Path Dependency Kernel for Relation Extraction
Razvan Bunescu and Raymond Mooney

Multi-way Relation Classification: Application to Protein-Protein Interactions
Barbara Rosario and Marti Hearst

BLANC: Learning Evaluation Metrics for MT
Lucian Lita, Monica Rogati and Alon Lavie

Composition of Conditional Random Fields for Transfer Learning
Charles Sutton and Andrew McCallum

Saturday, October 8, 2005

8:00-5:30   Registration
9:00–10:00 **Invited Talk: Ellen Voorhees**

10:00-10:30 Break

Session 7A: Machine Translation

10:30–10:55 *Translating with Non-contiguous Phrases*
　　　　　　Michel Simard, Nicola Cancedda, Bruno Cavestro, Marc Dymetman, Eric Gaussier, Cyril
　　　　　　Goutte, Kenji Yamada, Philippe Langlais and Arne Mauser
10:55–11:20 *Word-Level Confidence Estimation for Machine Translation using Phrase-Based Translation*
　　　　　　Models
　　　　　　 Nicola Ueffing and Hermann Ney
11:20–11:45 *Word-Sense Disambiguation for Machine Translation*
　　　　　　 David Vickrey, Luke Biewald, Marc Teyssier and Daphne Koller
11:45–12:10 *The Hiero Machine Translation System: Extensions, Evaluation, and Analysis*
　　　　　　 David Chiang, Adam Lopez, Nitin Madnani, Christof Monz,
　　　　　　 Philip Resnik and Michael Subotin

Session 7B: Grammar and Parsing

10:30–10:55 *Comparing and Combining Finite-State and Context-Free Parsers*
　　　　　　Kristy Hollingshead, Seeger Fisher and Brian Roark
10:55–11:20 *Morphology and Reranking for the Statistical Parsing of Spanish*
　　　　　　Brooke Cowan and Michael Collins
11:20–11:45 *Some Computational Complexity Results for Synchronous Context-Free Grammars*
　　　　　　Giorgio Satta and Enoch Peserico
11:45–12:10 *Incremental LTAG Parsing*
　　　　　　 Libin Shen and Aravind Joshi

Session 7C: Computational Psycholinguistics and Biomedical Language Processing

10:30–10:55 *Automatic Question Generation for Vocabulary Assessment*
　　　　　　Jonathan Brown, Gwen Frishkoff and Maxine Eskenazi
10:55–11:20 *Parallelism in Coordination as an Instance of Syntactic Priming: Evidence from Corpus-based*
　　　　　　Modeling
　　　　　　Amit Dubey, Patrick Sturt and Frank Keller
11:20–11:45 *Using the Web as an Implicit Training Set: Application to Structural Ambiguity Resolution*
　　　　　　Preslav Nakov and Marti Hearst

Session 8A: Multilingual Approaches

2:00–2:25 *A Backoff Model for Bootstrapping Resources for Non-English Languages*
　　　　　　Chenhai Xi and Rebecca Hwa
2:25–2:50 *Cross-linguistic Projection of Role-Semantic Information*
　　　　　　Sebastian Pado and Mirella Lapata
2:50–3:15 *OCR Post-Processing for Low Density Languages*
　　　　　　Okan Kolak and Philip Resnik
3:15–3:40 *Inducing a Multilingual Dictionary from a Parallel Multitext in Related Languages*
　　　　　　Dmitriy Genzel

Saturday, October 8, 2005 (continued)

Session 8B: Semantic Roles and Relations

2:00–2:25 *Exploiting a Verb Lexicon in Automatic Semantic Role Labelling*
        Robert Swier and Suzanne Stevenson
2:25–2:50 *A Semantic Scattering Model for the Automatic Interpretation of Genitives*
        Dan Moldovan and Adriana Badulescu
2:50–3:15 *Measuring the Relative Compositionality of Verb-Noun (V-N) Collocations by Integrating Features*
        Sriram Venkatapathy and Aravind Joshi
3:15–3:40 *A Semi-Supervised Feature Clustering Algorithm with Application to Word Sense Disambiguation*
        Zheng-Yu Niu, Dong-Hong Ji and Chew Lim Tan

Session 8C: Question Answering

2:00–2:25 *Using Random Walks for Question-focused Sentence Retrieval*
        Jahna Otterbacher, Gunes Erkan and Dragomir Radev
2:25–2:50 *Multi-Perspective Question Answering Using the OpQA Corpus*
        Veselin Stoyanov, Claire Cardie and Janyce Wiebe
2:50–3:15 *Automatically Evaluating Answers to Definition Questions*
        Jimmy Lin and Dina Demner-Fushman
3:15–3:40 *Integrating Linguistic Knowledge in Passage Retrieval for Question Answering*
        J¨org Tiedemann

3:40-4:15 Break

Session 9A: Search

4:15–4:40 *Searching the Audio Notebook: Keyword Search in Recorded Conversation*
        Peng Yu, Kaijiang Chen, Lie Lu and Frank Seide
4:40–5:05 *Learning a Spelling Error Model from Search Query Logs*
        Farooq Ahmad and Grzegorz Kondrak
5:05–5:30 *Query Expansion with the Minimum User Feedback by Transductive Learning*
        Masayuki Okabe, Kyoji Umemura and Seiji Yamada

Session 9B: Text Segmentation

4:15–4:40 *An Orthonormal Basis for Topic Segmentation in Tutorial Dialogue*
        Andrew Olney and Zhiqiang Cai
4:40–5:05 *A Generalized Framework for Revealing Analogous Themes across Related Topics*
        Zvika Marx, Ido Dagan and Eli Shamir
5:05–5:30 *Flexible Text Segmentation with Structured Multilabel Classification*
        Ryan McDonald, Koby Crammer and Fernando Pereira

Session 9C: Dialog Systems

4:15–4:40 *The Vocal Joystick: A Voice-Based Human-Computer Interface for Individuals with Motor Impair-ments*
        Jeff A. Bilmes, Xiao Li, Jonathan Malkin, Kelley Kilanski, Richard Wright, Katrin Kirchhoff, Amar Subramanya, Susumu Harada, James Landay, Patricia Dowden and Howard Chizeck
4:40–5:05 *Speech-based Information Retrieval System with Clarification Dialogue Strategy*
        Misu Teruhisa and Kawahara Tatsuya
5:05–5:30 *Learning Mixed Initiative Dialog Strategies By Using Reinforcement Learning On Both Conver-sants*
        Michael English and Peter Heeman

Conference Program At-A-Glance

Wednesday, October 5, 2005

3:00-6:30	**Foyer**	**Registration**
6:00–8:00	**Salon A/B/C**	**Opening Reception (partially sponsored by Google)**

Thursday, October 6, 2005

7:30-5:30	**Foyer**	**Registration**
8:45–9:00	**Salon A/B/C**	**Opening Session**
9:00–10:00	**Salon A/B/C**	**Invited Talk: Larry Hunter**
10:00-10:30		**Break**
10:30-12:10	**Salon A**	**Session 1A: Anaphora and Information Structure**
	Salon B	**Session 1B: Error Detection and Correction**
	Salon C	**Session 1C: Word Alignment**
12:10–2:00		**Lunch on your own**
2:00-3:40	**Salon A**	**Session 2A: Topic Tracking and Entity Detection**
	Salon B	**Session 2B: Text Categorization and Learning**
	Salon C	**Session 2C: Machine Translation**
3:40-4:15		**Break**
4:15-5:30	**Salon A**	**Session 3A: Language Modeling**
	Salon B	**Session 3B: Robust Dialogue Processing**
	Salon C	**Session 3C: Summarization**

Friday, October 7, 2005

7:30-5:30	**Foyer**	**Registration**
9:00–10:00	**Salon A/B/C**	**Invited Talk: Sanjeev Khudanpur**
10:00-10:30		**Break**
10:30-12:10	**Salon A**	**Session 4A: Training and Adaptation**
	Salon B	**Session 4B: Question Answering**
	Salon C	**Session 4C: Opinion and Sentiment Analysis**
12:10–2:00		**Lunch on your own**
2:00-3:40	**Salon A**	**Session 5A: Textual Entailment and Inference**
	Salon B	**Session 5B: Word Sense and Polysemy**
	Salon C	**Session 5C: Named Entity Recognition and Translit-eration**
3:40-4:15		**Break**

Conference Program At-A-Glance (continued)

Friday, October 7, 2005

4:15-5:30	**Salon A**	**Session 6A: Sequence Models**
	Salon B	**Session 6B: Large-Scale Systems**
	Salon C	**Session 6C: Statistical Parsing**
6:00-9:00	**Salon D/E/F**	**Demos and Posters Reception**

Saturday, October 8, 2005

8:00-5:30	**Foyer**	**Registration**
9:00–10:00	**Salon A/B/C**	**Invited Talk: Ellen Voorhees**
10:00-10:30		**Break**
10:30-12:10	**Salon A**	**Session 7A: Machine Translation**
	Salon B	**Session 7B: Grammar and Parsing**
	Salon C	**Session 7C: Computational Psycholinguistics and Biomedical Language Processing**
12:10-2:00		**Lunch on your own**
2:00-3:40	**Salon A**	**Session 8A: Multilingual Approaches**
	Salon B	**Session 8B: Semantic Roles and Relations**
	Salon C	**Session 8C: Question Answering**
3:40-4:15		**Break**
3:40-5:30	**Salon A**	**Session 9A: Search**
	Salon B	**Session 9B: Text Segmentation**
	Salon C	**Session 9C: Dialog Systems**

Sunday, October 9, 2005

	Seymour	**Document Understanding (DUC) Workshop 1**
9:00-6:00	**MacKenzie**	**Parsing Technologies (IWPT) Workshop 2**
6:00-8:00	**Foyer**	**IWPT Reception**

Monday, October10, 2005

9:00-6:00	**Seymour**	**Document Understanding (DUC) Workshop 1**
9:15-5:30	**MacKenzie**	**Parsing Technologies (IWPT) Workshop 2**