

CONFERENCE ON LANGUAGE AND TECHNOLOGY 2009 (CLT09)

National University of Computer and Emerging Sciences, Lahore, Pakistan
22-24 January, 2009

Program

Day 1: 22nd January, 2009		
Time	Event/Talk	Speaker
08:30 - 09:00	Registration	
09:00 - 10:30	Opening Ceremony	
10:30 -11:00	Tea Break	
Workshops and Demonstrations:		
11:00 - 01:00	Finite State Morphology	Tina Bögel and Miriam Butt Universität Konstanz, Germany
01:00 - 02:00	Lunch & Prayer Break	
02:00 - 03:30	Text Mining for Urdu	Tafseer Ahmad, Universität Konstanz, Germany and Sadaf Alvi, University of Karachi, Pakistan
03:30 - 04:00	Tea Break	
04:00 - 05:30	Automatic Learning of Natural Language Morphology	John Goldsmith University of Chicago, USA

Day 2: 23rd January, 2009		
Time	Event/Talk	Speaker
08:30 - 09:00	Registration	
09:00 - 10:00	Invited Speaker	
10:00 -10:30	Tea Break	
Session 1: Translation and Transliteration Chaired by: Dr. Abid Khan		
10:30 - 10:50	Urdu and the Modular Architecture of ParGram	Tina Boegel, Miriam Jessica Butt, Annette Hautli and Sebastian Sulger
10:50 - 11:10	Semi-Automatic Lexical Functional Grammar Development	Umer Khalid, Nayyara Karamat, Shahid Iqbal and Sarmad Hussain
11:10 - 11:30	English to Urdu Transliteration System	Abbas Raza and Madiha Ijaz
11:30 - 11:50	Hindi to Urdu Conversion: Beyond Simple Transliteration	Bushra Jawaid and Tafseer Ahmed
11:50 - 12:10	Adaptive Transliteration Based on Cross-Script Trie Generation: A Case of Roman-Urdu	Usman Afzal, Naveed Iqbal Rao and Ahmad Muqem Sheri
12:30 - 02:00	Lunch & Prayer Break	
Session 2: Semantics and Information Retrieval Chaired by: Dr. Miriam Butt		
02:00 - 02:20	Reflexive Anaphora Resolution in Pashto Discourse	Rahman Ali, Mohammad Abid Khan and Mushtaq Ali
02:20 - 02:40	Using Levin's Verb Classification for Preposition Sense Selection in English to Indian Language MT	Samar Husain, Phani Chaitanya, Ganeshwar Rao Dulam, Tariq Khan and Dipti M. Sharma
02:40 - 03:00	Efficient Transformation of a Natural Language Query to SQL for Urdu	Rashid Ahmad, Mohammad Abid Khan and Rahman Ali
03:00 - 03:30	Tea Break	
03:30 - 05:00	Panel Discussion	

Day 3: 24th January, 2009		
Time	Event/Talk	Speaker
Session 3: Morphological and Syntactic Processing		
Chaired by: Dr. Zafar Iqbal		
09:00 - 09:20	A Corpus-Based Finite State Morphological Analyzer for Pashto	Fatima Tuz Zuhra and Mohammad Abid Khan
09:20 - 09:40	Computation of Gender of Urdu Nouns	Shair Akbar Khan and Mohammad Abid Khan
09:40 - 10:00	Sindhi Morphology and Noun Inflections	Mutee U Rahman
10:00 - 10:20	Rule-Based Part of Speech Tagging for Pashto Language	Ihsan Rabbi, Mohammad Abid Khan and Rahman Ali
10:20 - 10:40	N-GRAM Based Authorship Attribution in Urdu Poetry	Agha Ali Raza, Awais Athar and Sajid Nadeem
10:40 - 11:00	Tea Break	
Session 4: Speech and Image Processing		
Chaired by: Dr. Syed Afaq Hussain		
11:00 - 11:20	Rule Based Segmentation of Lower Modifiers in Complex Bangla Scripts	M. A. Hasnat and Mumit Khan
11:20 - 11:40	Elimination of Splitting Errors in Printed Bangla Scripts	M. A. Hasnat and Mumit Khan
11:40 - 12:00	Integrating Bangla Script Recognition Support in Tesseract OCR	Md. Abul Hasnat, Shouro Chowdhury and Mumit Khan
12:00 - 12:20	Speech Processing Technology in Second Language Testing	Marina Dodigovic
12:20 - 01:00	Poster session	
	A SOM Based Offline Recognition System for Segmented Urdu Character in Nasakh Font	Afaq Husain Syed
	Text Normalization System for Bangla	Firoj Alam, S.M. Murtoza Habib and Mumit Khan
	Complex Relations Extraction	Naveed Afzal
	Urdu-Hindi-Urdu Machine	Amba Kulkarni, Rahmat

	Translation: Some Problems	Yousufzai, and Pervez Ahmed Azmi
	Roman to Urdu Transliteration Using Word List	Tafseer Ahmed
	English to UNL (Interlingua) Conversion	Manoj Jain and Om Damani
01:30 - 02:30	Lunch & Prayer Break	
Session 5: Localization Chaired by: Dr. Muhammad Afzal		
02:30 - 02:50	Corpus Based Mapping of Urdu Characters for Cell Phones	Mohammad Aamir Khan, Asad Habib, Mohammad Abid Khan and Mohammad Naveed Ali
02:50 - 03:10	Design of Urdu Virtual Keyboard	Mohammad Aamir Khan, Mohammad Abid Khan and Mohammad Naveed Ali
03:10 - 03:20	Proposal of Inclusion of Certain Characters in Unicode	Muhammad Numan Chishti
03:20 - 03:40	Analysis of Nastaleeq for Pakistani Languages	M G Abbas Malik, Christian Boitet and Pushpak Bhattcharyya
03:40 - 04:30	Closing Ceremony	
04:30	Tea and Departure	