

ICON-2008

6th International Conference on Natural Language Processing

20 – 22 December 2008

CDAC , Pune

Technical Programme Schedule

20 December, Saturday

8:30 - 10:00	Registration	
	Pre-Conference Tutorials	
10:00 – 11:15	Tutorial 1: Eilenberg machines, the Zen toolkit, and applications to Sanskrit Computational Linguistics Presenters: <i>Gérard Huet, Directeur de recherches, INRIA</i> <i>Benoît Razet, Doctoral student, Paris 7 University</i>	Tutorial 2: Linguistic Data Annotation for Indian Languages Presenters: <i>Dipti Misra Sharma, Samar Husain, Rajeev Sangal, IIIT Hyderabad</i>
11:15 - 11:30	Tea Break	
11:30 – 13:00	Tutorial 1: Contd...	Tutorial 2: Contd...
13:00 - 14:00	Lunch Break	
14:00 – 16:00	Tutorial 3: Sense Disambiguation and Structure Disambiguation Presenters: <i>Pushpak Bhattacharyya and Mitesh Khapra, IIT Bombay</i>	Tutorial 2: Contd...
16:00 - 16:15	Tea Break	
16:15 – 17:30	Tutorial 3: Contd...	Tutorial 2: Contd...
	NLP Tools Contest	
14:00 – 15:30	Presentation By NLP Tools Contest Participants	

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21 December, Sunday

9:00 - 9:30	Registration	
	Inaugural Session	
9:30 - 10:00	Welcome: Hemant Darbari Introducing ICON: Rajeev Sangal Address by the Special Guest: S Ramakrishnan Address by the Chief Guest: Aravind K. Joshi Introducing the Programme: Dipti M. Sharma	
10:00 - 11:00	Keynote Lecture 1: Machine Translation in a Mobile World: From Models to Monetization <i>Srinivas Bangalore, AT&T Research, New Jersey, USA</i> Chair: Anupam Basu	
11:00 - 11:30	Tea Break	
	Technical Session I: Parsing	
	Chair: Leonardo Lesmo	
11:30 – 13:00	Two semantic features make all the difference in Parsing accuracy <i>Akshar Bharati, Samar Husain, Bharat Ambati, Sambhav Jain, Dipti Misra Sharma, Rajeev Sangal</i>	
	A System for Compound Noun Multiword Expression Extraction for Hindi <i>Anoop Kunchukuttan, Om P. Damani</i>	
	Rule Based Approach for Automatic Annotation of a Hindi Tree Bank <i>Mridul Gupta, Vineet Yadav, Samar Husain, Dipti M Sharma</i>	
13:00 – 14:00	Lunch Break	
14:00 - 15:45	Poster Session	Demonstrations
15:45 – 16:00	Tea Break	
	Technical Session II: POS Tagging	
	Chair: B Mallikarjun	
16:00 – 17:00	Morpheme Components based Part of Speech Tagging <i>S. Lakshmana Pandian, T.V. Geetha</i>	
	Hindi POS Tagger Using Naive Stemming: Harnessing Morphological Information without Extensive Linguistic Knowledge <i>Manish Shrivastava, Pushpak Bhattacharyya</i>	
17:30 – 19:00	NLPAI Governing Council meeting At C-DAC, NSG IT Park	
19:30 - 22:30	Banquet Dinner At Sentosa Resort	

22 December, Monday

**Keynote Lecture 2: Phonetic Knowledgebase of Indian Languages
for Language Technology**

9:00 – 10:00

Peri Bhaskararao, Tokyo University of Foreign Studies, Japan
Chair: Mahesh Kulkarni

Technical Session III: Machine Translation

Chair: Srinivas Bangalore

10:00 – 11:30

Sequence Labeling Approach for English to Tamil Transliteration using Memory-based Learning

Vijaya M.S, Dhanalakshmi V, Shivapratap G, Ajith V.P, Soman K.P

Towards Developing an English-Persian Word-level Parallel Concordancer

Tayebeh Mosavi Miangah, Mahshid Shakiba

A Dependency Treelet-based Phrasal SMT: Evaluation and Issues in English-Hindi Language Pair

Kalika Bali, Sankaran Baskaran, A Kumaran

11:30 – 12:00

Tea Break

Parallel Session

12:00 – 13:00

Technical Session IV-a: Morphology & Syntax

Chair: Lakshmi Bai

A Corpus-based Study of k are” in Bangla: Theoretical and Computational Perspectives

Priyanka Biswas, Sandipan Dandapat, Kalika Bali, Monojit Choudhury

A Generative Lexicon account of A-V Complex Predicates of Bangla

Sanjukta Ghosh

Technical Session IV-b: Speech

Chair: Peri Bhaskar Rao

Throat Microphone Signals for Syllable Recognition using Linear Prediction Cepstrum

A.Shahina, B.Yegnanarayana, A Nayeemulla Khan, M R Kesheorey

Semi-Automatic Generation of Pronunciation Dictionary for Proper Names: An Optimization Approach

Laxmi Narayana M, Sunil Kumar Kopparapu

13:00 – 14:00

Lunch

Parallel Session - Student Paper Competition

Chair: Sivaji Bandyopadhyay

14:00 – 15:00

Track-I: Natural Language Processing [NLP]

Judge: To be Announced at the start of the Contest

An Efficient Graph Based Ranking Algorithm for text Extraction

Sankar K

Improving statistical POS tagging using Linguistic feature for Hindi and Telugu

S Phani Kumar Gadde, Meher Vijay Yeleli

Statistical Machine Translation (SMT) in the field of subtitling of Hindi movies/songs

Vineet Kashyap

Track-II: Linguistics (Morphology, Syntax & Semantics)

Judge: To be Announced at the start of the Contest

Nominal Modification in Pnar: A Relativization Strategy

Joyshree Sutradhar

Exploring the Lexicon-Syntax-Semantics Morphology-Phonology Interface: A Multipartite Interface Architecture

Prakash Mondal

A Method for pronominal Anaphora Resolution in Bengali

Arnab Dhar, Utpal Garain

15:00 – 15:30	Tea Break	
	Parallel Session	
	<p>Technical Session V-a: Word Sense Disambiguation Chair: L Sobha</p> <p>Dictionary containing Example based Nepali WSD Niraj Shrestha, Patrick A.V. Hall, Sanat K. Bista</p>	<p>Technical Session V-b: Stastical Methods Chair: A Kumaran</p> <p>Effect of Modifiers for Sentiment Classification of Reviews Meenakshi Sundaram Murugesan, Ajay Sampath, Faraaz Ahmed, Barath Ashok, Saswati Mukherjee</p>
15:30 – 17:00	<p>Automatic Evaluation of Wordnet Synonyms and Hypernyms Raghuvar Nadig, J. Ramanand, Pushpak Bhattacharyya</p> <p>Domain Specific Iterative Word Sense Disambiguation in a Multilingual Setting Mitesh M. Khapra, Pushpak Bhattacharyya, Shashank Chauhan, Soumya Nair, Aditya Sharma</p>	<p>Design and Evaluation of soft keyboards for Telugu Sowmya V.B., Vasudeva Varma</p> <p>NL Query Interpretation in Restricted Domains Leonardo Lesmo</p>
17:00 – 17:30	Closing Function	