

ICON-2020: 17th International Conference on Natural Language Processing			
December 18-21, 2020			
Indian Institute of Technology Patna, India			
Main Conference (19-20 Dec 2020)			
Final Technical Programme Schedule			
Day 1: Saturday, December 19, 2020			
10:00-11:00	Inaugural Ceremony Volunteers: Ratnesh, Aizan, Sovan, Gitanjali https://us02web.zoom.us/j/82500425355?pwd=aDdPOWFKRiswSUU0Mm5FaVF5NFdtUT09 Passcode: 483119		
11:30-13:00	LUNCH		
13:00-14:30	Technical Session I: Information Extraction-I Session Chair: Karthik Sankaranarayan Join : https://us02web.zoom.us/j/89797374415?pwd=bnhwZG04YzZSTG03cEYrNFVHemNidz09 Meeting ID: 897 9737 4415 Passcode: 705527	Technical Session II: NLP Language Documentation and Preservation Session Chair: Sobha Lalitha Devi Join : https://us02web.zoom.us/j/84100141291?pwd=UWRYMkUranVjbWN0ak80d1B5SVRMQT09 Meeting ID: 841 0014 1291 Passcode: 232732	Technical Session III: Computational Social Science and Social Media Session Chair: Tanmoy Chakraborty Join : https://us02web.zoom.us/j/87506032045?pwd=MjBsc1RqVjky94NVVucC9tcm5Rdz09 Meeting ID: 875 0603 2045 Passcode: 876453
	Volunteers: Zeeshan, Deeksha	Volunteers: Aizan, Kshitiz	Volunteers: Gopendra, Santosh
	Automatic Hadith Segmentation using PPM Compression (Taghreed Tarmom, Eric Atwell and Mohammad Alsalka)	A Grammatical Sketch of Asur: A North Munda language (Zoya Khalid)	Identifying Complaints from Product Reviews: A Case Study on Hindi (Raghavendra Pratap Singh, Rejwanul Haque, Mohammed Hasanuzzaman and Andy Way)
	Learning to Interact: An Adaptive Interaction Framework for Knowledge Graph Embeddings (Chandrasah ., Nilesh Agrawal and Partha Talukdar)	Treatment of optional forms in Mathematical modelling of Pāṇini (Anupriya Aggarwal and Malhar Kulkarni)	Hater-O-Genius Aggression Classification using Capsule Networks (Parth Patwa, Srinivas PYKL, Amitava Das, Prerana Mukherjee and Viswanath Pulabaigari)
	Event Argument Extraction using Causal Knowledge Structures (Debanjana Kar, Sudeshna Sarkar and Pawan Goyal)	Language Model Metrics and Procrustes Analysis for Improved Vector Transformation of NLP Embeddings (Thomas Conley and Jugal Kalita)	Native-Language Identification with Attention (Stian Steinbakken and Björn Gambäck)
Weak Supervision using Linguistic Knowledge for Information Extraction (Sachin Pawar, Girish Palshikar, Ankita Jain, Jyoti Bhat and Simi Johnson)	Assamese Word Sense Disambiguation using Genetic Algorithm (Arjun Gogoi, Nomi Baruah and Shikhar Kr. Sarma)	Acoustic Analysis of Native (L1) Bengali Speakers' Phonological Realization of English Lexical Stress Contrast (Shambhu Nath Saha and Shyamal Kr. Das Mandal)	
15:00-16:00	Keynote Lecture 1: Let's Argue – Understanding and Generating Natural Language Arguments: Prof. Dr. Iryna Gurevych, Technische Universität Darmstadt, Germany Session Chair: Prof. Vasudeva Varma https://iit-ac-in.zoom.us/j/96568797582?pwd=N2tZdzVXQ1FSVtBqdHRHWDNETi9sUT09 Volunteers: Ramakrishna, Gitanjali		
16:00-16:30	BUFFER		
16:30-17:30	Technical Session IV: Sentiment and Emotion Analysis Session Chair: Amitava Das Join : https://us02web.zoom.us/j/89797374415?pwd=bnhwZG04YzZSTG03cEYrNFVHemNidz09 Meeting ID: 897 9737 4415 Passcode: 705527	Technical Session V: Named Entity Recognition Session Chair: Sriparna Saha Join : https://us02web.zoom.us/j/84100141291?pwd=UWRYMkUranVjbWN0ak80d1B5SVRMQT09 Meeting ID: 841 0014 1291 Passcode: 232732	Technical Session VI: Multimodality/Speech Recognition Session Chair: Anil Kumar Vuppala Join : https://us02web.zoom.us/j/87506032045?pwd=MjBsc1RqVjky94NVVucC9tcm5Rdz09 Meeting ID: 875 0603 2045 Passcode: 876453
	Volunteers: Gopendra, Dushyant	Volunteers: Santosh, Chanchal	Volunteers: Sovan, Tanik
	Polarization and its Life on Social Media: A Case Study on Sabarimala and Demonetisation (Ashutosh Ranjan, Dipti Sharma and Radhika Krishnan)	The WEAVE Corpus: Annotating Synthetic Chemical Procedures in Patents with Chemical Named Entities (Ravindra Nittala and Manish Shrivastava)	A Multi-modal Personality Prediction System (Chanchal Suman, Aditya Gupta, Sriparna Saha and Pushpak Bhattacharyya)
	Only text? only image? or both? Predicting sentiment of internet memes (Pranati Behera, Mamta . and Asif Ekbal)	Deep Neural Model for Manipuri Multiword Named Entity Recognition with Unsupervised Cluster Feature (Jimmy Laishram, Kishorjit Nongmeikapam and Sudip Kumar Naskar)	End-to-End Automatic Speech Recognition for Gujarati (Deepang Raval, Vyom Pathak, Muktan Patel and Brijesh Bhatt)
	Leveraging Multi-domain, Heterogeneous Data using Deep Multitask Learning for Hate Speech Detection (Prashant Kapil and Asif Ekbal)	Constructing a Korean Named Entity Recognition Dataset for the Financial Domain using Active Learning (Dong-Ho Jeong, Min-Kang Heo, Hyung-Chul Kim and Sang-Won Park)	Using multiple ASR hypotheses to boost i18n NLU performance (Charith Peris, Gokmen Oz, Khadige Abboud, Venkata sai Varada Varada, Prashan Wanigasekara and Haidar Khan)
CLPLM: Character Level Pretrained Language Model for Extracting Support Phrases for Sentiment Labels (Raj Praneesh, Sumit Kumar and Ambesh Shekhar (raj.ratn18@gmail.com))		Leveraging Latent Representations of Speech for Indian Language Identification (Samarjit Karmakar and P Radha Krishna)	
17:30-18:00	BUFFER		
18:00-19:00	Keynote Lecture 2: From Simple to Complex QA: Prof. Eduard Hovy, Carnegie Mellon University Session Chair: Prof. Pushpak Bhattacharyya https://iit-ac-in.zoom.us/j/97446320073?pwd=K0JsR01dGpMMnNXUhhQWVVMU54UT09 Volunteers: Ramakrishna, Gitanjali		
19:00-19:30	BUFFER		
NLP AI Meeting (19:30-21:00) Join : https://us02web.zoom.us/j/89512866082?pwd=eU9ublhqQnFzS3hmSEJhanBsc0xtUT09 Meeting ID: 895 1286 6082 Passcode: 345927			
Day 2: Sunday, December 20, 2020			
09:30-10:30	Invited Talk: Toward Investigating and Interpreting the Role of Context in Utterance-level Dialogue Understanding: Soujanya Poria, Singapore University of Technology and Design Session Chair: Shad Akhtar https://us02web.zoom.us/j/82500425355?pwd=aDdPOWFKRiswSUU0Mm5FaVF5NFdtUT09 Volunteers: Dushyant, Krishanu Maity		
11:00-13:00	Technical Session VII: Information Extraction-II Session Chair: Dipankar Das Join : https://us02web.zoom.us/j/89797374415?pwd=bnhwZG04YzZSTG03cEYrNFVHemNidz09 Meeting ID: 897 9737 4415 Passcode: 705527	Technical Session VIII: Machine Learning Applications to NLP-I Session: Aditya Joshi Join : https://us02web.zoom.us/j/84100141291?pwd=UWRYMkUranVjbWN0ak80d1B5SVRMQT09 Meeting ID: 841 0014 1291 Passcode: 232732	Technical Session IX: Machine Learning Applications to NLP-II Session Chair: Ashutosh Modi Join : https://us02web.zoom.us/j/87506032045?pwd=MjBsc1RqVjky94NVVucC9tcm5Rdz09 Meeting ID: 875 0603 2045 Passcode: 876453
	Volunteers: Abhishek, Prabhat	Volunteers: Divya, Apoorva	Volunteers: Santosh, Tanik
	Inducing Interpretability in Knowledge Graph Embeddings (Chandrasah ., Tathagata Sengupta, Cibi Pragadeesh and Partha Talukdar)	Semi-Supervised Multi-Label Classification of MBTI Personalities of Twitter Users Using Graph Convolution Network (Sanket Rai and Pramod Kumar Singh)	Clickbait in Hindi News Media : A Preliminary Study (Vivek Kaushal and Kavita Vemuri)
Solving Arithmetic Word Problems Using Transformer and Pre-processing of Problem Texts (Kaden Griffith and Jugal Kalita)	BertAA : BERT fine-tuning for Authorship Attribution (Maël Fabien, Esau Villatoro-Tello, Petr Motlicek and Shantipriya Parida)	Does a Hybrid Neural Network based Feature Selection Model Improve Text Classification? (Suman Dowlagar and Radhika Mamidi)	
			Technical Session X: Machine Translation-I Session Chair: Nikesh Garera Join : https://us02web.zoom.us/j/84508206229?pwd=c0lUalplRVd1N0tGaVo1eGZscTlxUT09 Meeting ID: 845 0820 6229 Passcode: 161351
			Volunteers: Dipanjyoti, Kamal
			Exploring Pair-Wise NMT for Indian Languages (Sai Himall Allu, Kartheek Akella, Sridhar Suresh Ragupathi, Aman Singhal, Zeeshan Khan, C.V. Jawahar and Vinay P. Nambodiri)
			PhraseOut: A Code Mixed Data Augmentation Method for Multilingual Neural Machine Translation (Binu Jasim, Vinay Nambodiri and C V Jawahar)

	Generative Adversarial Networks for Annotated Data Augmentation in Data Sparse NLU (Olga Golovneva and Charith Peris)	Claim extraction from text using transfer learning. (Acharya Ashish Prabhakar, Salar Mohtaj and Sebastian Möller)	Semantic Slot Prediction on low corpus data using finite user defined list (Bharatram Natarajan, Dharani Simma, Chirag Singh, Anish Nediyanath and Sreoshi Sengupta)	Efforts Towards Developing a Tamang Nepali Machine Translation System (Binaya Kumar Chaudhary, Bal Krishna Bal and Rasil Baidar)
	Semantic Extractor-Paraphraser based Abstractive Summarization (Anubhav Jangra, Raghav Jain, Vaibhav Mavi, Sripama Saha and Pushpak Bhattacharyya)	On-Device detection of sentence completion for voice assistants with low-memory footprint (Rahul Kumar, Vijeta Gour, Chandan Pandey, Godawari Sudhakar Rao, Priyadarshini Pai, Anmol Bhasin and Ranjan Samal)	Detection of Similar Languages and Dialects Using Deep Supervised Autoencoder (Shantipriya Parida, Esau Villatoro-Tello, Sajit Kumar, Maël Fabien and Petr Motlicek)	TREE ADJOINING GRAMMAR BASED "LANGUAGE INDEPENDENT GENERATOR" (Pavan Kurariya, Prashant Chaudhary, Jahnavi Bodhankar, Lenali Singh, Ajai Kumar and Hemant Darbari)
		A New Approach to Claim Check-Worthiness Prediction and Claim Verification (Shukrity Si, ANISHA DATTA and Sudip Kumar Naskar)	Sentimental Poetry Generation (Kasper Aalberg Røstvold and Björn Gambäck)	
			Towards Performance Improvement in Indian Sign Language Recognition (Kinjal Mistree, Devendra Thakor and Brijesh Bhatt)	
13:00-14:00	LUNCH			
	Technical Session XI: Language Resources-I Session Chair: Girish Palshikar	Technical Session XII: Language Resources-II Session Chair: Manish Srivastava & Vishal Goyal	Technical Session XIII: NLP for Education Session Chair: Sudip Kumar Naskar	
	Join : https://us02web.zoom.us/j/89797374415?pwd=bnhwZG04YzZSTG03cEYrNFVHemNidz09 Meeting ID: 897 9737 4415 Passcode: 705527	Join : https://us02web.zoom.us/j/84100141291?pwd=UWRYMkUranVjbWN0ak80d1B5SVMRQT09 Meeting ID: 841 0014 1291 Passcode: 232732	Join : https://us02web.zoom.us/j/87506032045?pwd=MjBsc1RqVjJkay94NVVucC9tcm5Rdz09 Meeting ID: 875 0603 2045 Passcode: 876453	
	Volunteers: Zeeshan, Deeksha	Volunteers: Aizan, Kshitiz	Volunteers: Abhishek, Prabhat	
	A Rule Based Lightweight Bengali Stemmer (Souvik Das, Rajat Pandit and Sudip Kumar Naskar)	Increasing accuracy of a semantic word labelling tool based on a small lexicon (Hugo Sanjurjo González)	Cognitively Aided Zero-Shot Automatic Essay Grading (Sandeep Mathias, Rudra Murthy, Diptesh Kanojia and Pushpak Bhattacharyya)	
14:00-16:00	Towards Bengali Word Embedding: Corpus Creation, Intrinsic and Extrinsic Evaluations (Md. Rajib Hossain and Mohammed Moshul Hoque)	Creation of Corpus and Analysis in Code-Mixed Kannada-English Social Media Data for POS Tagging (Abhinav Reddy Appidi, Vamshi Krishna Srirangam, Manish Srivastava and Darsi Suhas)	Automated Arabic Essay Evaluation (Abeer Alqahtani and Amal Alsaif)	
	Annotated Corpus of Tweets in English from Various Domains for Emotion Detection (Soumitra Ghosh, Asif Ekbal, Pushpak Bhattacharyya, Sripama Saha, Vipin Tyagi, Alka Kumar and Nitish Kumar)	Exploration of Cross-lingual Summarization for Kannada-English Language Pair (Vinayaka R Kamath, Rachana Aithal K R, Vennela K and Mamatha HR)	Question and Answer pair generation for Telugu short stories (Meghana Bommadi, Shreya Terupally and Radhika Mamidi)	
	STHAL: Location-mention Identification in Tweets of Indian-context (Kartik Verma, Shobhit Sinha, Md. Shad Akhtar and Vikram Goyal)	SUKHAN: Corpus of Hindi Shayaris annotated with Sentiment Polarity Information (Sallil Aggarwal)	ScAA: A Dataset for Automated Short Answer Grading of Children's free-text Answers in Hindi and Marathi (Dolly Agarwal, Somya Gupta and Nishant Baghel)	
	Developing a Faroese PoS-tagging solution using Icelandic methods (Hinrik Hafsteinsson and Anton Karl Ingason)			
16:00-16:30	BUFFER			
	Technical Session XIV: Information Retrieval and Text Mining Session Chair: Sudeshna Sarkar	Technical Session XV: Syntax Session Chair: Pawan Goyal	Technical Session XVI: Machine Translation-II Session Chair: Anoop Kunchukuttan	
	Join : https://us02web.zoom.us/j/89797374415?pwd=bnhwZG04YzZSTG03cEYrNFVHemNidz09 Meeting ID: 897 9737 4415 Passcode: 705527	Join : https://us02web.zoom.us/j/84100141291?pwd=UWRYMkUranVjbWN0ak80d1B5SVMRQT09 Meeting ID: 841 0014 1291 Passcode: 232732	Join : https://us02web.zoom.us/j/87506032045?pwd=MjBsc1RqVjJkay94NVVucC9tcm5Rdz09 Meeting ID: 875 0603 2045 Passcode: 876453	
	Volunteers: Sovan, Tanik	Volunteers: Gopendra, Krishanu Maity	Volunteers: Dipanjyoti, Kamal	
16:30-17:30	Improving Passage Re-Ranking with Word N-Gram Aware Coattention Encoder (Chaitanya Alaparthi and Manish Shrivastava)	Self Attended Stack-Pointer Networks for Learning Long Term Dependencies (Salih Tuc and Burcu Can)	English to Manipuri and Mizo Post-Editing Effort and its Impact on Low Resource Machine Translation (Loitongbam Sanayai Meetei, Thoudam Doren Singh, Sivaji Bandyopadhyay, Mihaela Vela and Josef van Genabith)	
	Self-Supervised Claim Identification for Automated Fact Checking (Archita Pathak, Mohammad Abuzar Shaikh and Rohini Srihari)	ThamizhiUDp: A Dependency Parser for Tamil (Kengatharaiyer Sarveswaran and Gihan Dias)	Improving Neural Machine Translation for Sanskrit-English (Ravneet Punia, Aditya Sharma, Sarthak Pruthi and Minni Jain)	
	D-Coref: A Fast and Lightweight Coreference Resolution Model using DistilBERT (Chanchal Suman, Jeetu Kumar, Sripama Saha and Pushpak Bhattacharyya)	Free Word Order in Sanskrit and Well-nestedness (Sanal Vikram and Amba Kulkarni)	Leveraging Alignment and Phonology for low-resource Indic to English Neural Machine Transliteration (Parth Patel, Manthan Mehta, P. Bhattacharyya, A. Atreya)	
17:30-18:00	BUFFER			
18:00-19:00	Keynote Lecture 3: Translingual Learning of 1000+ Languages: David Yarowsky, John Hopkins University, USA Session Chair: Prof. Dipti Misra Sharma			
	https://iit-ac-in.zoom.us/j/95397206761?pwd=djhtS2ExOTJ5eExYNUVhTVdtMDVVFz09			
	Volunteers: Ramakrishna, Gitanjali			
	Valedictory Session			
19:00-19:30	https://us02web.zoom.us/j/82500425355?pwd=aDdPOWFKRiswSUU0Mm5FaVf5NFdtUT09 Passcode: 483119			

For Long Paper (15 minutes presentation + 3 minutes QA)
For Short Paper (10 minutes presentation + 3 minutes QA)
All Times are in IST