Tutorials/Workshop/Doctoral Consortium/Shared Tasks/Demonstration Schedule for ICON 2020

(All times are in IST)

- ○ **TUTORIALS**

    - ■ **Dec 18 (10:00-14:00):** <mark>[Volunteers: Kshitij, Aizan]</mark>

        - ● **T1: "Unsupervised Machine Translation Demystified"**
          Organizers: *Rudra Murthy, Tamali Banerjee, Jyotsana Khatri, Diptesh Kanojia and Pushpak Bhattacharyya (IIT Bombay)*
            - ○ Join: https://us02web.zoom.us/j/89797374415?pwd=bnhwZGo4YzZSTG03cEYrNFVHemNidz09
            - ○ Meeting ID: 897 9737 4415, Passcode: 705527

    - ■ **Dec 21 (10:00-14:00):** <mark>[Volunteers: Tanik, Gitanjali]</mark>

        - ● **T2: "Lies vs Truth and Hate vs Love: Exploring recent trends in fake news and hate speech research"**
          Organizers: *Md. Shad Akhtar, Tanmoy Chakroborty (IIIT Delhi)*
            - ○ Join : https://us02web.zoom.us/j/89797374415?pwd=bnhwZGo4YzZSTG03cEYrNFVHemNidz09
            - ○ Meeting ID: 897 9737 4415, Passcode: 705527

- ○ **DOCTORAL CONSORTIUM**

    - ○ **Dec 18 (15:00-16:30): Session Chair: Anil Kumar Singh** <mark>[Volunteers: Ramakrishna, Kamal]</mark>

        - ■ "Parsing Indian English News Headlines Authors" - *Samapika Roy, Sukhada Sukhada and Anil Kumar Singh*

        - ■ "WORD SENSE DISAMBIGUATION FOR KASHMIRI LANGUAGE USING SUPERVISED MACHINE LEARNING" - *TAWSEEF AHMAD MIR*

        - ■ "WEKA in Forensic Authorship Analysis: A corpus-based approach of Saudi Authors" - *Mashael AlAmr and Eric Atwell*

            - ● Join: https://us02web.zoom.us/j/87506032045?pwd=MjBsc1RqeVJkay94NVVucC9tcm5Rdz09
            - ● Meeting ID: 875 0603 2045, Passcode: 8764

- ○ **DEMONSTRATION**

  - ● **Dec 18 (10:00-16:00):**

    Session Chairs: Gurpreet Singh Lehal, Sanjay Dwivedi, Rajeev R R, Sanjeev, Neeraj Kumar

  - ● **Demonstration of Tool and/or Resources**
    - ○ Organizers: *Vishal Goyal (Punjabi University Patiala), Asif Ekbal (IIT Patna)*
      - ■ Join: https://us02web.zoom.us/j/84100141291?pwd=UWRYMkUranVjbWN0ak80d1B5SVRMQT09
      - ■ Meeting ID: 841 0014 1291, Passcode: 232732

S.No.	Schedule	Title	Authors
		Introduction of session by Dr. Vishal Goyal	
1	10:15-10:25 AM	NLP Tools for Khasi, a low resource language	Medari Thama
2	10:30-10:40 AM	Rules Based Hindi to Dogri Machine Translation System	Preeti Dubey, Devanand Padha
3	10:45-10:55 AM	Plagiarism Detection Tool for Indian Languages with Special focus on Hindi and Punjabi	Rajeev Puri, Vishal Goyal, Jitesh Pubreja, Jaswinder Singh
4	11:00-11:10 AM	Railway Station Announcement System for Deaf	Rakesh Kumar, Vishal Goyal, Lalit Goyal
5	11:15-11:25 AM	A Chatbot in Malayalam using Hybrid Approach	Praveen Prasannan, Rajeev R R, Stephy Joseph
6	11:30-11:40 AM	Airport Announcement System for Deaf	Rakesh Kumar, Vishal Goyal, Lalit Goyal
7	11:45-11:55 AM	Machine Translation System for English to Indian Sign Language using Synthetic Animations	Lalit Goyal, Vishal Goyal, Deepali, Amandeep Kaur, Gurdeep Kaur
8	12:00-12:10 PM	Sentiment Analysis of English-Punjabi Code-Mixed Social Media Content	Mukhtiar Singh, Vishal Goyal, Sahil Raj
9	12:15-12:25 PM	Language Identification and Normalization of Code Mixed English and Punjabi text	Neetika, Vishal Goyal, Simpel jindal

10	12:30-12:40 PM	EXTRACTING PARALLEL PHRASES FROM COMPARABLE ENGLISH AND PUNJABI CORPORA USING AN INTEGRATED APPROACH	Manpreet, Ajit Kumar, Vishal Goyal
11	12:45-12:55 PM	Design of Hybrid Algorithm for Automatically Identification and Extraction of Multiword Expressions (MWEs) from English-Punjabi MONOLINGUAL AND Parallel Corpus	Kapil Dev Goyal, Vishal Goyal
12	2:00-2:10 PM	Design and Implementation of Anaphora Resolution for Punjabi Language	Kawaljit Kaur, Vishal Goyal, Kamlesh Dutta
13	2:15-2:25 PM	DESIGN AND IMPLEMENTATION OF CORPUS-BASED MACHINE TRANSLATION SYSTEM FOR PUNJABI TO ENGLISH	Kamal, Vishal Goyal, Ajit Kumar
14	2:30-2:40 PM	Urdu to Punjabi MT System	Umarinder pal Singh, Vishal Goyal, Gurpreet Singh lehal
15	2:45-2:55 PM	Punjabi to Urdu MT System	Nitin Bansal, Ajit Kumar
16	3:00-3:10 PM	Opinion Mining System for Processing Hindi Text for Home Remedies domain	Arpana Prasad, Neeraj Sharma, Shubhangi Sharma
17	3:15-3:25 PM	Demonstration of a Literature Based Discovery System based on Ontologies, Semantic Filters and Word Embeddings for the Raynaud Disease-Fish Oil Rediscovery	Toby Reed, Vassilis Cutsuridis
18	3:30-3:40 PM	A SANSKRIT TO HINDI LANGUAGE MACHINE TRANSLATION SYSTEM USING RULE BASED SYSTEM	Prateek Aggarwal, Vishu Madaan
Vote of Thanks by Dr. Asif Ekbal			

- **WORKSHOP**

  - **Dec 21 (10:00-17:00):** <mark>[Volunteers: Kshitij, Aizan]</mark>

    - **"International Workshop On Joint NLP Modelling for Conversational AI @ ICON 2020"**
    Organizers: *Ranjan Kumar Samal, Praveen Kumar GS, Siddhartha Mukherjee (Samsung Research Institute - Bangalore)*
      - Join: https://us02web.zoom.us/j/84100141291?pwd=UWRYMkUranVjbWN0ak80d1B5SVRMQT09
      - Meeting ID: 841 0014 1291, Passcode: 232732

International Workshop On Joint NLP Modelling for Conversational AI @ ICON 2020
21-Dec-2020

Time	Details
10 AM ~ 10.15 AM	**Opening Note** by Praveen Kumar G S, Director and Head of NLU, SRIB
10.15 AM ~ 11 AM	**Transformation from NLU to Multimodal NLU** by Siddhartha Mukherjee, Staff Engineering Manager of NLU, SRIB
	Slots for Paper Presentations ~ Papers will be presented in this order. ~ Each presentatio will get 20 minutes for presentation and additional 5 minutes Q&A. ~ 5 minutes will be for handover.
11 AM ~ 1.00 PM	**Neighbor Contextual Information Learners for Joint Intent and Slot Prediction** **Unified Multi Intent Order and Slot Prediction using Selective Learning Propagation** **EmpLite: A Lightweight Sequence Labeling Model for Emphasis Selection of Short Texts** **Named Entity Popularity Determination using Ensemble Learning**
1.00 PM ~ 2.00 PM	Lunch Break

Exploratory Panel Discussion by Eminent Industry Personalities on **AI for real world & AI for future**

Name	Title	Role
Praveen Kumar G S	Director, Head of NLU, SRIB	Moderator
Ratnakar Rao Venkata Rayavarapu	Senior Director, Mobile Communication R&D, SRIB	Panel
Sreevatsa Dwaraka Bhamidipati	Director, OnDevice AI R&D Group, SRIB	Panel
Ritesh Jain	Director, Product Management Group, SRIB	Panel
Srinivas Rao Kudavelly	Architect, Media & Medical Solution, SRIB	Panel

(2.00 PM ~ 3.00 PM)

Time	Details
	Slots for Paper Presentations ~ Each presentatio will get 20 minutes for presentation and additional 5 minutes Q&A. ~ 5 minutes will be for handover.
3.00 PM ~ 3.30 PM	**Optimized Web-Crawling of Conversational Data from Social Media and Context-Based Filtering**
3.30 PM ~ 4.30 PM	**Discovering Subtle Information from Texts using Bayesian Models.** by Dr.Mrinal Kanti Das, Assistant Professor, CSE, IIT Palakkad.
	Slots for Paper Presentations ~ Each presentatio will get 20 minutes for presentation and additional 5 minutes Q&A.
4.30 PM ~ 4.55 PM	**A character representation enhanced on-device Intent Classification**
4.55 PM ~ 5.00 PM	**Closing Note** by Ranjan Samal, Architect of NLU, SRIB

- ○ **SHARED TASKS**

Organizers: *Dipti Misra Sharma (IIIT-Hyderabad), Asif Ekbal (IIT-Patna), Karunesh Arora (C-DAC, Noida), Sudip Kumar Naskar (Jadavpur University), Dipankar Ganguly (C-DAC, Noida), Sobha L (AUKBC-Chennai), Radhika Mamidi (IIIT-Hyderabad), Sunita Arora (C-DAC, Noida), Pruthwik Mishra (IIIT-Hyderabad), Vandan Mujadia (IIIT-Hyderabad)*

Dec 21 (14:00-19:00): <mark>**[Volunteers: Gopendra, Santosh, Divya, Prabhat]**</mark>

- ○ Join: https://us02web.zoom.us/j/87506032045?pwd=MjBsc1RqeVJkay94NVVucC9tcm5Rdz09
- ○ Meeting ID: 875 0603 2045, Passcode: 876453

1. Talk - 14:00-14:30

2. Shared Tasks' Overview - 14:30-14:45

3: Presentations - 14:50-18:50

- ● **ST1: "Adap-MT 2020: Low Resource Domain Adaptation for Indic Machine Translation"**

Team	Slot
ADAPT	14:50-15:00
Butterflies	15:03-15:13
Falcons	15:16-15:26
JUNLP	15:29-15:39
MUCS	15:42-15:52

- ● **ST2: "Unsupervised Technical Domain Terms Extraction (TermTraction - 2020)"**

Team	Slot
Butterflies	16:00-16:10
D4 the win	16:13-16:23
TTOne	16:26-16:36

- **ST3: "TechDOfication 2020: Technical DOmain Identification"**

Team	Slot
Butterflies	16:45-16:55
CITK	16:58-17:08
IITKGP	17:11-17:21
fineapples	17:24-17:34
MUCS	17:37-17:47
NLP@CUET	17:50-18:00
SPPU_AKAH	18:03-18:13
TechdoOne	18:16-18:26
TeluguTechDOM	18:29-18:39