

# Workshop Program

**Thursday, July 19, 2018**

**09:00–10:30 Session 1 Invited Talk and Oral Presentations**

9:00–9:05 *Opening Remarks*  
Thamar Solorio

9:05–9:50 *Invited Talk: Learning to Codeswitch*  
Pascale Fung

9:50–10:10 *Joint Part-of-Speech and Language ID Tagging for Code-Switched Data*  
Victor Soto and Julia Hirschberg

10:10–10:30 *Phone Merging For Code-Switched Speech Recognition*  
Sunit Sivasankaran, Brij Mohan Lal Srivastava, Sunayana Sitaram, Kalika Bali and  
Monojit Choudhury

**10:30–11:00 Coffee Break**

**11:00–12:00 Session 2 Oral Presentations**

11:00–11:20 *Improving Neural Network Performance by Injecting Background Knowledge: Detecting Code-switching and Borrowing in Algerian texts*  
Wafia Adouane, Jean-Philippe Bernardy and Simon Dobnik

11:20–11:40 *Code-Mixed Question Answering Challenge: Crowd-sourcing Data and Techniques*  
Khyathi Chandu, Ekaterina Loginova, Vishal Gupta, Josef van Genabith, Günter Neuman, Manoj Chinnakotla, Eric Nyberg and Alan W. Black

11:40–12:00 *Transliteration Better than Translation? Answering Code-mixed Questions over a Knowledge Base*  
Vishal Gupta, Manoj Chinnakotla and Manish Shrivastava

**Thursday, July 19, 2018 (continued)**

**12:00–13:30 Lunch Break**

**13:30–14:15 Session 3 Invited Talk**

13:30–14:15 *Invited Talk: Variation in Codeswitched Language: a Psycholinguistic Approach to What, When, and Why*  
Melinda Fricke

**14:15–15:30 Session 4 Poster Session**

*Language Identification and Analysis of Code-Switched Social Media Text*  
Deepthi Mave, Suraj Maharjan and Thamar Solorio

*Code-Switching Language Modeling using Syntax-Aware Multi-Task Learning*  
Genta Indra Winata, Andrea Madotto, Chien-Sheng Wu and Pascale Fung

*Predicting the presence of a Matrix Language in code-switching*  
Barbara Bullock, Wally Guzman, Jacqueline Serigos, Vivek Sharath and Almeida Jacqueline Toribio

*Automatic Detection of Code-switching Style from Acoustics*  
SaiKrishna Rallabandi, Sunayana Sitaram and Alan W. Black

*Accommodation of Conversational Code-Choice*  
Anshul Bawa, Monojit Choudhury and Kalika Bali

*Language Informed Modeling of Code-Switched Text*  
Khyathi Chandu, Thomas Manzini, Sumeet Singh and Alan W. Black

*GHHT at CALCS 2018: Named Entity Recognition for Dialectal Arabic Using Neural Networks*  
Mohammed Attia, Younes Samih and Wolfgang Maier

*Simple Features for Strong Performance on Named Entity Recognition in Code-Switched Twitter Data*  
Devanshu Jain, Maria Kustikova, Mayank Darbari, Rishabh Gupta and Stephen Mayhew

**Thursday, July 19, 2018 (continued)**

*Bilingual Character Representation for Efficiently Addressing Out-of-Vocabulary Words in Code-Switching Named Entity Recognition*

Genta Indra Winata, Chien-Sheng Wu, Andrea Madotto and Pascale Fung

*Named Entity Recognition on Code-Switched Data Using Conditional Random Fields*

Utpal Kumar Sikdar, Biswanath Barik and Björn Gambäck

*The University of Texas System Submission for the Code-Switching Workshop Shared Task 2018*

Florian Janke, Tongrui Li, Eric Rincón, Gualberto Guzmán, Barbara Bullock and Almeida Jacqueline Toribio

*Tackling Code-Switched NER: Participation of CMU*

Parvathy Geetha, Khyathi Chandu and Alan W. Black

*Multilingual Named Entity Recognition on Spanish-English Code-switched Tweets using Support Vector Machines*

Daniel Claeser, Samantha Kent and Dennis Felske

**15:30–16:00 Coffee Break**

**16:00–17:00 Session 5 Shared Task Talks**

16:00–16:10 *Named Entity Recognition on Code-Switched Data: Overview of the CALCS 2018 Shared Task*

Gustavo Aguilar, Fahad AlGhamdi, Victor Soto, Mona Diab, Julia Hirschberg and Tamar Solorio

16:10–16:30 *IIT (BHU) Submission for the ACL Shared Task on Named Entity Recognition on Code-switched Data*

Shashwat Trivedi, Harsh Rangwani and Anil Kumar Singh

16:30–16:50 *Code-Switched Named Entity Recognition with Embedding Attention*

Changhan Wang, Kyunghyun Cho and Douwe Kiela

16:50–17:00 *Closing Remarks*

Victor Soto