

First International Workshop on Adaptive Shot Learning for Gesture Understanding and Production (ASL4GUP 2017)

Schedule:

Opening and Welcome (8:50 - 9:10)

Keynote 1 (9:10-9:40) **Susan Goldin-Meadow:** *From action to abstraction: Gesture as a mechanism of change*

Session 1 (9:40-10:00) 0/1/N shot gesture learning

Paper 1: *Supervised learning of gesture-action associations for human-robot collaboration.* D. Shukla, O. Erkent and J. Piater.

Coffee break (10:00-10:30)

Keynote 2 (10:30-11:00) **Aleix Martinez:** *Imitating your way to expertise*

Session 2 (11:00-12:00) 0/1/N shot gesture learning

11:00-11:20. Paper 2: *One-Shot Gesture Recognition: One Step Towards Adaptive Learning.* M. E Cabrera, N. Sanchez-Tamayo, R. Voyles and J. Wachs

11:20-11:40. Paper 3: *Spatio-Temporal Facial Expression Recognition Using Convolutional Neural Networks and Conditional Random Fields.* B. Hasani and M. Mahoor.

11:40-12:00. Paper 4: *A Semantical & Analytical Approach for Zero Shot Gesture Learning.* N. Madapana and J. Wachs

Keynote 3 (12:00-12:30) **Philippe Schyns.** *Using the Human Receiver to Understand the Face as a Tool for Social Communication*

12:30-12:50. Paper 5: *A simple geometric-based descriptor for facial expression recognition.* D. Acevedo, P. Negri, ME. Buemi, FG. Fernandez, M. Mejail.

Lunch (12:50-14:00) *Individual*