

NLP Technologies for Automatic Analysis of Language Productions for Language Learning

A Workshop Presented at the CALICO 2017

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Contents

Morning

- **09:00–09:20** NLP and Language Learning (Xiaobin)
- NLP and ICALL systems demonstration
 - **9:20–9:50** FeedBook, VIEW/WERTi, TAGARELA (Björn)
 - **9:50–10:20** CTAP, FLAIR, SyB (Xiaobin)
- **10:20–10:30** Break
- **10:30–11:00** Discussion: How to realize the system functions
- **11:00–11:40** Motivating the use of UIMA for language analysis
- **11:40–12:00** System setup for hands-on experiments

Afternoon

- **13:00–13:30** Introduction to the UIMA framework
- **13:30–15:00** Hands-on: Developing a basic analysis pipeline with UIMA
- **15:00–16:00** Limitations of automatic analysis with existing NLP tools and possible solutions

Workshop Resources

- Google Group: NLP and Language Learning
- NLP Premier Package
- System Setup Guide for Workshop Practice
- Hand-on Tutorial Code

Links to Existing Systems Demonstrated in Workshop

- Feedbook
 - Test accounts: *test_teacher_[1-12]* or *test_student_[1-24]*
 - Password: the number part of the account
- VIEW
- TAGARELA
 - Test accounts: *student[1-4]*
 - Password: same as user name
- CTAP
- FLAIR