



5th International Conference on Statistical Language and Speech Processing SLSP 2017

Le Mans, France
October 23-25, 2017

SLSP 2017 Program

Invited lectures: 45 minutes for presentation + 5 minutes for questions

Contributed talks: 23 minutes for presentation + 2 minutes for questions

Posters: 10 minutes for presentation

Monday, October 23

09:00 - 09:30	Registration
09:30 - 09:40	Opening
09:40 - 10:30	<i>Haizhou Li: Recent Advances in Singing Synthesis - Invited lecture</i>
10:30 - 11:00	Coffee break
	Mercedes García Martínez, Loïc Barrault and Fethi Bougares. <i>Neural Machine Translation by Generating Multiple Linguistic Factors</i>
11:00 - 12:15	Denis Jovet, Katarina Bartkova, Mathilde Dagnat and Lou Lee. <i>Analysis and Automatic Classification of Some Discourse Particles on a Large Set of French Spoken Corpora</i>
	Javad Nouri and Roman Yangarber. <i>Toward Learning Morphology of Natural Language as a Finite-state Grammar</i>
12:15 -	Lunch

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Links of Interest

13:45

Ferdinand Fuhrmann, Anna Maly, Christina Leitner and Franz Graf. *Three Experiments on the Application of Automatic Speech Recognition in Industrial Environments*

13:45 -
15:00

Sahar Ghannay, Yannick Estève and Nathalie Camelin. *Enriching Confusion Networks for Post-processing*

Alp Öktem, Mireia Farrús and Leo Wanner. *Attentional Parallel RNNs for Generating Punctuation in Transcribed Speech*

15:00 -
15:15

Break

Céline Manenti, Thomas Pellegrini and Julien Pinquier. *Unsupervised Speech Unit Discovery using k-means and Neural Networks*

15:15 -
16:30

Gueorgui Pironkov, Stéphane Dupont, Sean Wood and Thierry Dutoit. *Noise and Speech Estimation as Auxiliary Tasks for Robust Speech Recognition*

Radek Šafarík and Jan Nouza. *Unified Approach to Development of ASR Systems for East Slavic Languages*

Tuesday, October 24

09:00 -
09:50

Bhiksha Raj Ramakrishnan: *An Introduction to Neural Networks* - Invited lecture

09:50 -
10:20

Coffee break

Sadeen Alharbi, Madina Hasan and Anthony A.J. Simons. *Detecting Stuttering Events in Transcripts of Children's Speech*

10:20 -
11:35

Kevin El Haddad, Ilaria Torre, Emer Gilmartin, Huseyin Cakmak, Stéphane Dupont, Thierry Dutoit and Nick Campbell. *Introducing AmuS: The Amused Speech Database*

Abdelwahab Heba, Thomas Pellegrini, Tom Jorquera, Régine André-Obrecht and Jean-Pierre Lorré. *Lexical Emphasis Detection in Spoken French using F-BANKs and Neural Networks*

11:35 -
11:50

Break and Group photo

Active Links

[AICoB 2018](#)

[HighPer 2018](#)

[LATA 2018](#)

[BigDat 2018](#)

[TPNC 2017](#)

[DeepLearn 2017](#)

Past Links

[SLSP 2016](#)

[SLSP 2015](#)

[SLSP 2014](#)

[SLSP 2013](#)

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Spain

Michal Novák, Katerina Rysová, Magdaléna Rysová and Jirí Mírovský. *Incorporating Coreference to Automatic Evaluation of Coherence in Essays*

11:50 - Etienne Papegnies, Vincent Labatut, Richard Dufour and
13:05 Georges Linarès. *Graph-based Features for Automatic Online Abuse Detection*

Mathias Quillot, Cassandre Ollivier, Richard Dufour and Vincent Labatut. *Exploring Temporal Analysis of Tweet Contents from Cultural Events*

13:05 -
14:35 Lunch

Poster presentations

Sunil Kumar Kopparapu and C. Anantaram. *Reusing General Purpose ASR for Domain Specific Speech Recognition Using Posteriors*

Seongmin Mun, Guillaume Desagulier and Kyungwon Lee. *How Can We Capture Multiword Expressions?*

14:35 - Roelant Ossewaarde, Roel Jonkers, Fedor Jalvingh and
15:25 Roelien Bastiaanse. *Automated Detection of Unfilled Pauses in Speech of Healthy and Brain-damaged Individuals*

Amit Sangroya, C. Anantaram, Mrinal Rawat and Sunil Kumar Kopparapu. *A Bio-inspired Mechanism to Improve Accuracy of ASR Output Sentences*

Patrice A. Yemene and Ron C. Chiang. *Automatic Speech Recognition for Ngiemboon Language in Mobile and Cloud Computing*

15:45 Meeting at the conference venue to go together to the touristic visit

16:30 -
18:30 Touristic visit

Wednesday, October 25

09:00 - Paolo Rosso: *Author Profiling in Social Media: The
09:50 Impact of Emotions in Discourse Analysis* - Invited lecture

09:50 -
10:20 Coffee break

Manny Rayner, Nikolaos Tsourakis and Johanna Gerlach. *Lightweight Spoken Utterance Classification with CFG, tf-idf and Dynamic Programming*

10:20 -
11:35

Máté Ákos Tündik, Balázs Tarján and György Szaszák. *Low Latency MaxEnt- and RNN-based Word Sequence Models for Punctuation Restoration of Closed Caption Data*

Jan Vanek, Daniel Soutner, Josef Psutka and Jan Zelinka. *A Regularization Post Layer: An Additional Way how to Make Deep Neural Networks Robust*

11:35 -
11:50

Break

Gil Rocha and Henrique Lopes Cardoso. *Towards a Relation-based Argument Model for Argumentation Mining*

11:50 -
13:05

Jose Patino, Héctor Delgado and Nicholas Evans. *Speaker Change Detection using Binary Key Modelling with Contextual Information*

Marie Tahon, Gwénoél Lecorvé, Damien Lolive and Raheel Qader. *Perception of Expressivity in TTS: Linguistics, Phonetics or Prosody?*

13:05 -
13:15

Closing

13:15 -

Lunch

Liquid layout adapted for SLSP 2017 by Manuel Parra. Site design: April, 2015.

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