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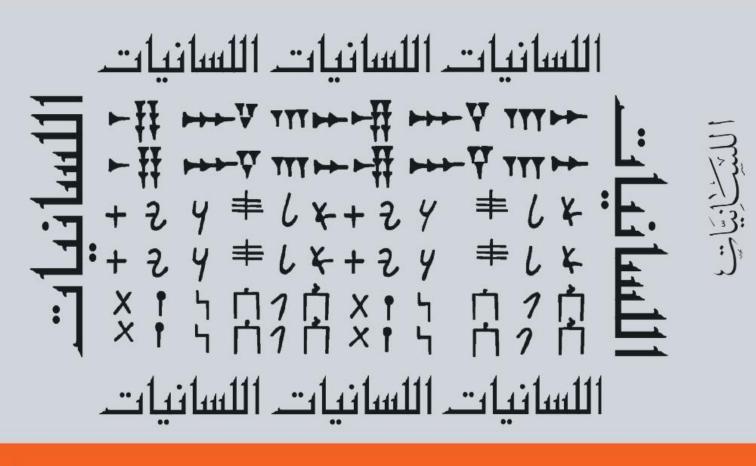
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مجلة دولية أكاديميةمحكمة متخصّصة في علوم اللّسان وتكنولوجيّاته



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مركز البحث اعلميّ والتّقنيّ لتطوير اللّغة العربيّة

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Computational Linguistics Division

Proceedings of

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Table of Contents

Preface
Keynotes
Multi-Dialectical Languages Effect on Speech Recognition <i>1</i> Mohamed Elfeky, Pedro Moreno and Victor Soto
Prosody-based Spoken Algerian Arabic Dialect Identification
The timing of geminate consonants in Tarifit Berber
An Extensible Schema for Building Large Weakly-Labeled Semantic
Corpora
Adding new words into a language model using parameters of knownwords with similar behaviorLuiza Orosanu and Denis Jouvet
Textual Data Selection for Language Modelling in the Scope ofAutomatic Speech Recognition28Freha Mezzoudj, David Langlois, Denis Jouvet and Abdelkader benyettou
Detection of sentence modality on French automatic speech-to-text transcriptions
Automatic Speech Recognition Errors Detection and Correction: A Review 40 Rahhal Errattahi, Asmaa El Hannani and Hassan Ouahmane
Measurement of Tremor in the Voices of Speakers with Parkinson's Disease 44 Markus Briickl, Alain Ghio and PrancOiS Viallet
Encryption of speech signal with multiple secret keys 49 Dalila Slimani and Fatiha Merazka
Automatic Speech Recognition for VoIP with Packet Loss Concealment 57 Adil Bakri, Abderrahmane Amrouche, Mourad Abbas and Lallouani Bouchakour

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Preface

Speech is addressed since several decades in the different places through the world. Many challenges must be met, HMM are still used in speech recognition even if deep learning start to be used by a large community.

The International Conference on Natural Language and Speech Processing (ICNLSP) like ICASSP or Interspeech gives the opportunity to researchers to propose new ideas and models for the different issues of the speech and NLP community.

ICNLSP is a conference which creates a synergy between Natural Language Processing and Speech Recognition communities. It highlights new approaches related to the language in both aspects: text and speech spanning basic theories to applications. The scientific committee received 30 articles from several countries, which have been reviewed by at least 3 reviewers, only 36% of the submissions have been retained.

The committee program of ICNLSP is composed of experts in speech recognition, natural language processing and information retrieval. The instructions were given to reviewers to evaluate the papers such as they do for conferences as ICASSP, Interspeech, etc.

This edition shows that an important issue emerges: Processing of Arabic dialects, in fact 27% of the accepted papers concern this issue.

The accepted papers are from 6 countries: 36% from Algeria, 28% from France and 9% from each of the following countries: Morocco, Germany, Great-Britain and USA.

Dr. Mourad Abbas, Chair of ICNLSP Prof. Kamel Smaili, Program Committee chair