

Eighth Workshop on Speech and Language Processing for Assistive Technologies (SLPAT 2019)

Minneapolis, Minnesota, USA
7 June 2019

ISBN: 978-1-5108-8771-8

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2019) by the Association for Computational Linguistics
All rights reserved.

Printed by Curran Associates, Inc. (2019)

For permission requests, please contact the Association for Computational Linguistics
at the address below.

Association for Computational Linguistics
209 N. Eighth Street
Stroudsburg, Pennsylvania 18360

Phone: 1-570-476-8006

Fax: 1-570-476-0860

acl@aclweb.org

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2633
Email: curran@proceedings.com
Web: www.proceedings.com

Table of Contents

<i>A user study to compare two conversational assistants designed for people with hearing impairments</i> Anja Virkkunen, Juri Lukkarila, Kalle Palomäki and Mikko Kurimo	1
<i>Modeling Acoustic-Prosodic Cues for Word Importance Prediction in Spoken Dialogues</i> Sushant Kafle, Cissi Ovesdotter Alm and Matt Huenerfauth	9
<i>Permanent Magnetic Articulograph (PMA) vs Electromagnetic Articulograph (EMA) in Articulation-to-Speech Synthesis for Silent Speech Interface</i> Beiming Cao, Nordine Sebki, Ted Mau, Omer T Inan and Jun Wang	17
<i>Speech-based Estimation of Bulbar Regression in Amyotrophic Lateral Sclerosis</i> Alan Wisler, Kristin Teplansky, Jordan Green, Yana Yunusova, Thomas Campbell, Daragh Heitzman and Jun Wang	24
<i>A Blissymbolics Translation System</i> Usman Sohail and David Traum	32
<i>Investigating Speech Recognition for Improving Predictive AAC</i> Jiban Adhikary, Robbie Watling, Crystal Fletcher, Alex Stanage and Keith Vertanen	37
<i>Noisy Neural Language Modeling for Typing Prediction in BCI Communication</i> Rui Dong, David Smith, Shiran Dudy and Steven Bedrick	44