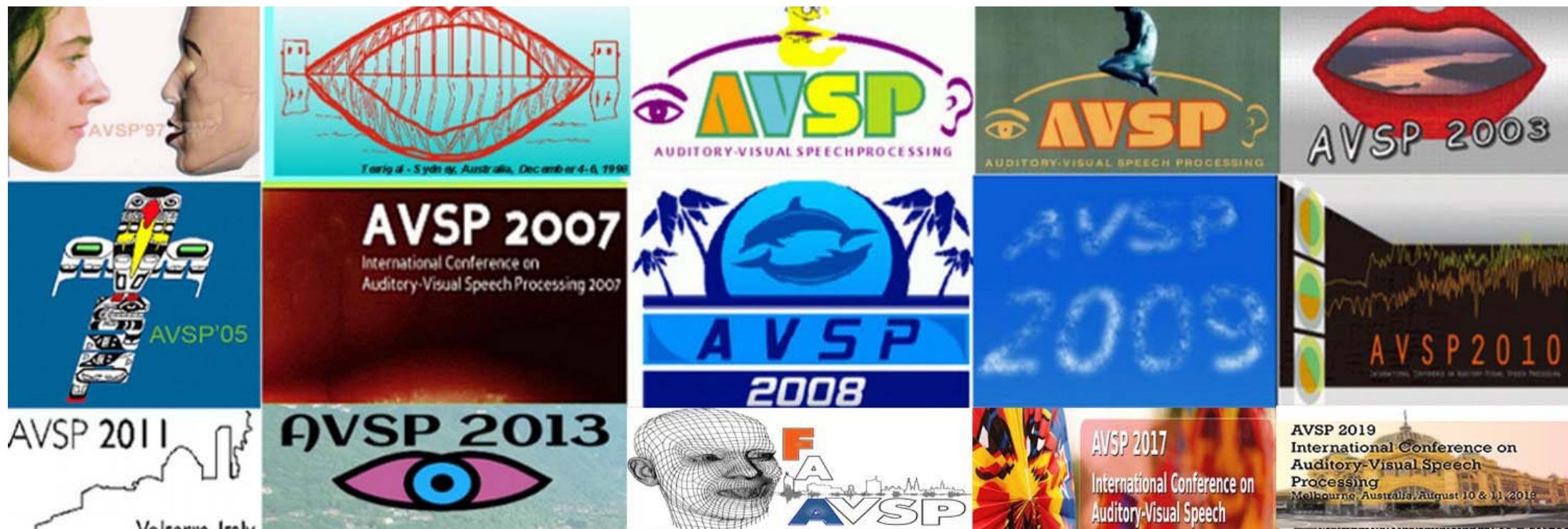


A brief, mostly visual, history of AVSP conferences



Brief timeline

Dodd & Campbell's
Hearing by Eye, 1987

"The Multiple Senses of
Speech Perception" at
ICSLP, USA, 1996

1st AVSP, 1997,
Greece (satellite
Eurospeech)

"Speechreading by Man and
Machine" held at the Chateau
de Bonas, France, 1995

2nd AVSP,
1998,
Australia
(satellite
ICSLP)

Talking Head Website, 1998
Rubin & Vatikiotis-Bateson
[http://www.haskins.yale.edu/featured/
heads/contents.html](http://www.haskins.yale.edu/featured/heads/contents.html)

AVISA (the Auditory-Visual
Speech Association), 1998
2nd ISCA SIG

“Speechreading by Man and Machine” held at the Chateau de Bonas, France, 1995

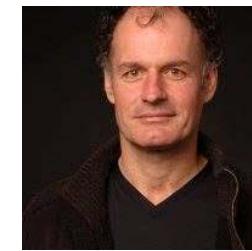
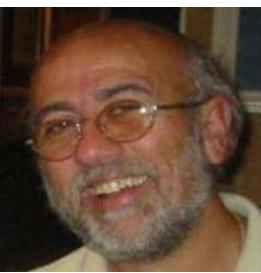


“They don’t do conferences like this anymore”



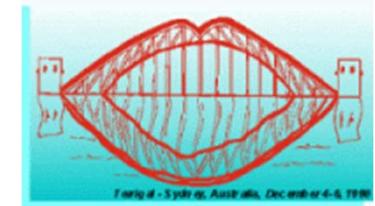
- | | |
|--------------------|--------------------------|
| 1 P. Kricos | 2 K. Pichora-Fuller |
| 7 M. Sams | 8 D.G. Stork |
| 13 L. Matthews | 14 M. Vogt |
| 19 C. Abry | 20 P. Bertelson |
| 25 M. Piquemal | 26 D. Bumham |
| 31 A. Fuster-Duran | 32 R. Campbell |
| 3 P. Smeele | 4 O. Garcia |
| 9 D. Massaro | 10 C. Benoit |
| 15 J. Luettin | 16 K. Green |
| 21 M. Cohen | 22 J. Robert-Ribes |
| 27 P. Silsbee | 28 M.-A. Cathiard |
| 33 M. Hirayama | 34 E. Vatikiotis-Bateson |
| 5 J. Beskow | 6 P. Cosi |
| 11 J. Movellan | 12 A. Adjoudani |
| 17 S. Hiki | 18 N.M. Brooke |
| 23 T. Coianiz | 24 E. Auer, Jr. |
| 29 L. Bernstein | 30 H. Saldaña |
| 35 M.E. Hennecke | |

How many can you recognize?

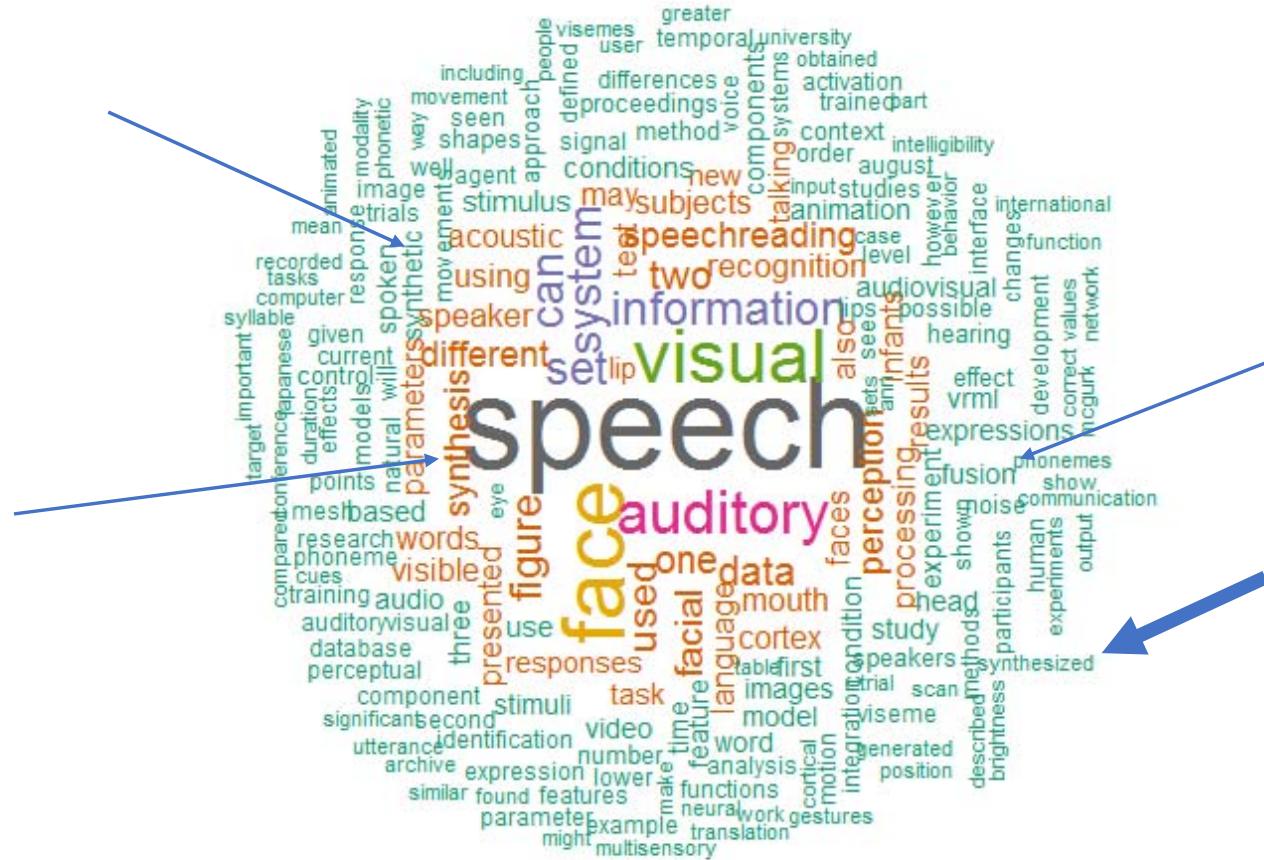


Word clouds – based on the published papers

1998



1999

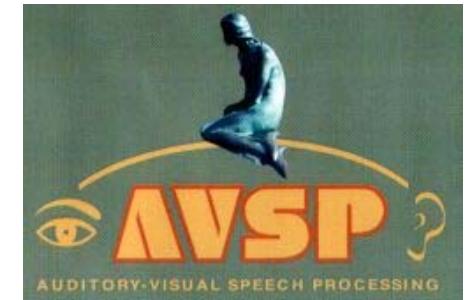


2001

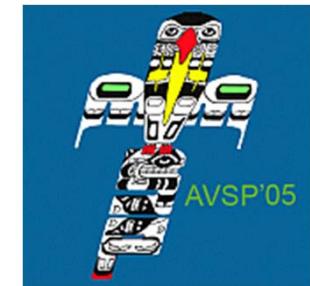
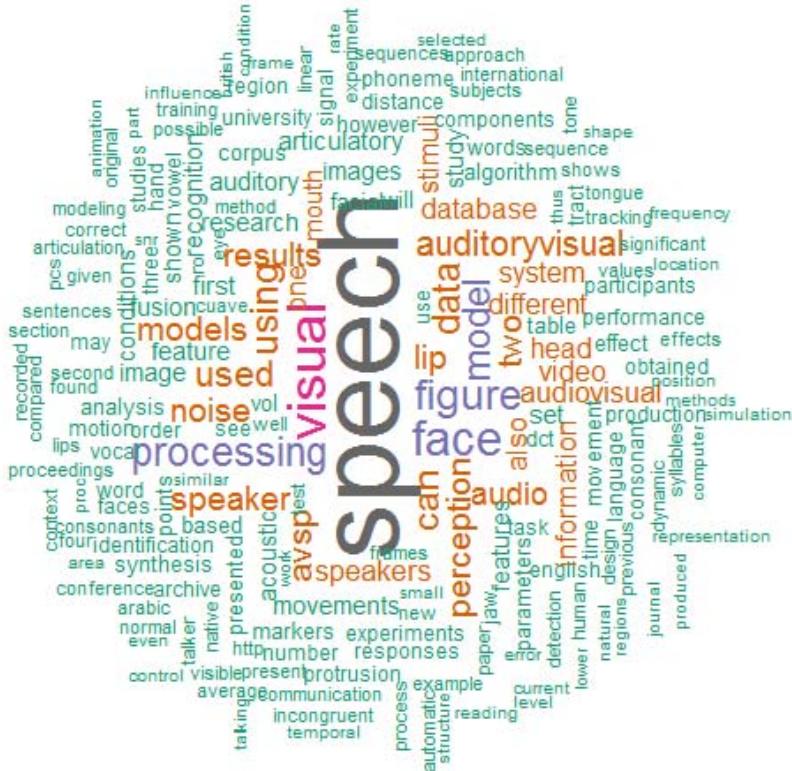
speech

auditory processing
parameters video
subject ^{SEN} conference
spoken hearing ^{far two condition}
physical method effect can also see
systems example integration due language
shows time movements signal models
pattern human responses brain articulatory fusion
phoneme heard recorded obtained
measures correlation talking spanish approach
automatic

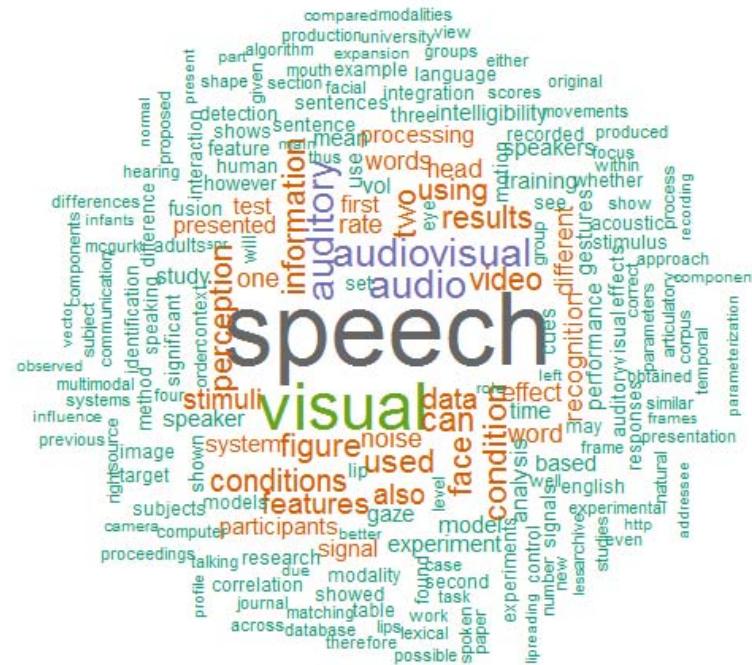
experimental regions possible
accuracy show
parameter error
standard will
speakers ^{sec} points data
sentences ^{area} ^{order} ^{english} ^{task}
consonants ^{mnemonic} ^{features} ^{deaf}
sentences ^{area} ^{order} ^{task}
intelligibility found level
temporal function control
per mouth cues
cortical response
function response
research subjects
possible ^{intelligibility} tracking
movement ^{temporal} ^{face}
lower ^{intelligibility} deviant identification better
higher ^{intelligibility} however
training ^{temporal} ^{face}
activation ^{intelligibility} distance presentation
identification better synthesis mesh vision linear
activity different areas
study presented ^{temporal} ^{face}
stimulus speechreading acoustic ^{acoustic}
research position
auditoryvisual tracking ^{three}
phonetic ^{three}
results ^{test} ^{value} ^{group}
model ^{number} ^{value}
information ^{speaker} ^{analysis}
audiovisual ^{number} ^{effects}
figure ^{well} ⁱⁿ ^{first} ^{lip}
visual ^{set} ^{typeuse}
perception ^{stimuli} ^{database} ^{image} ^{similar}
words mcgurk may lips similar
participants shown since ^{studies}
showed high point
process



2005



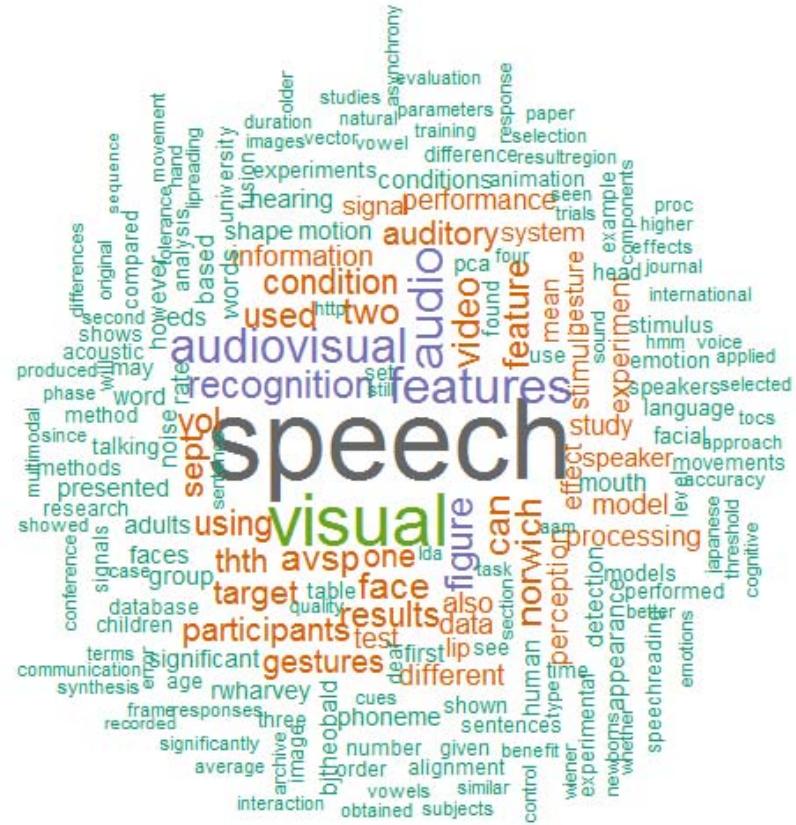
2007



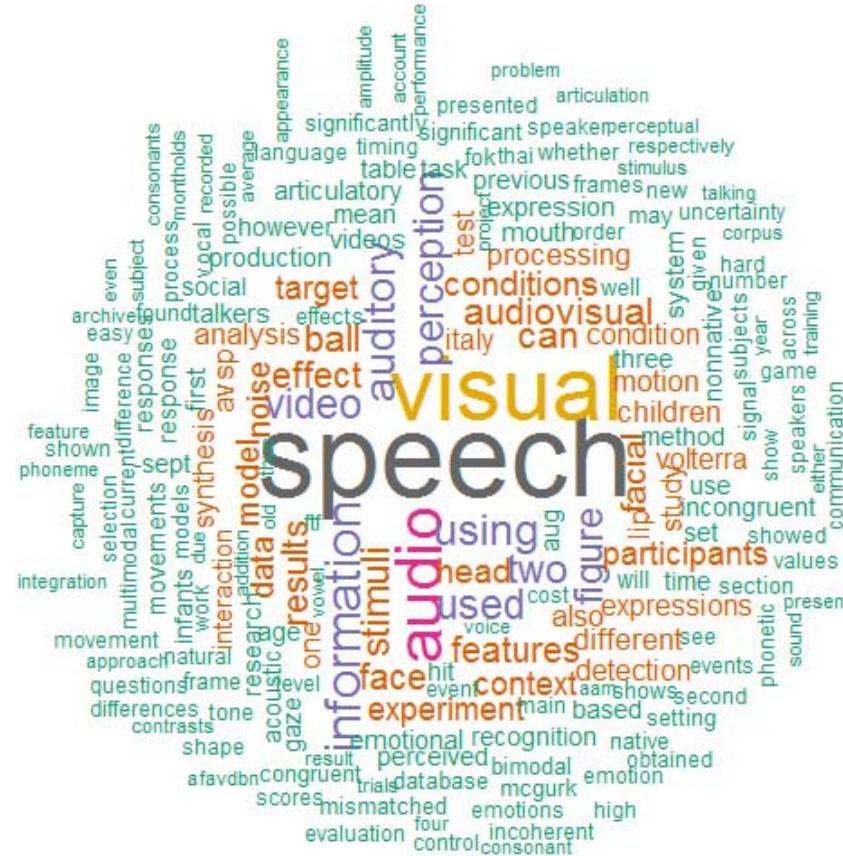
2008



2009

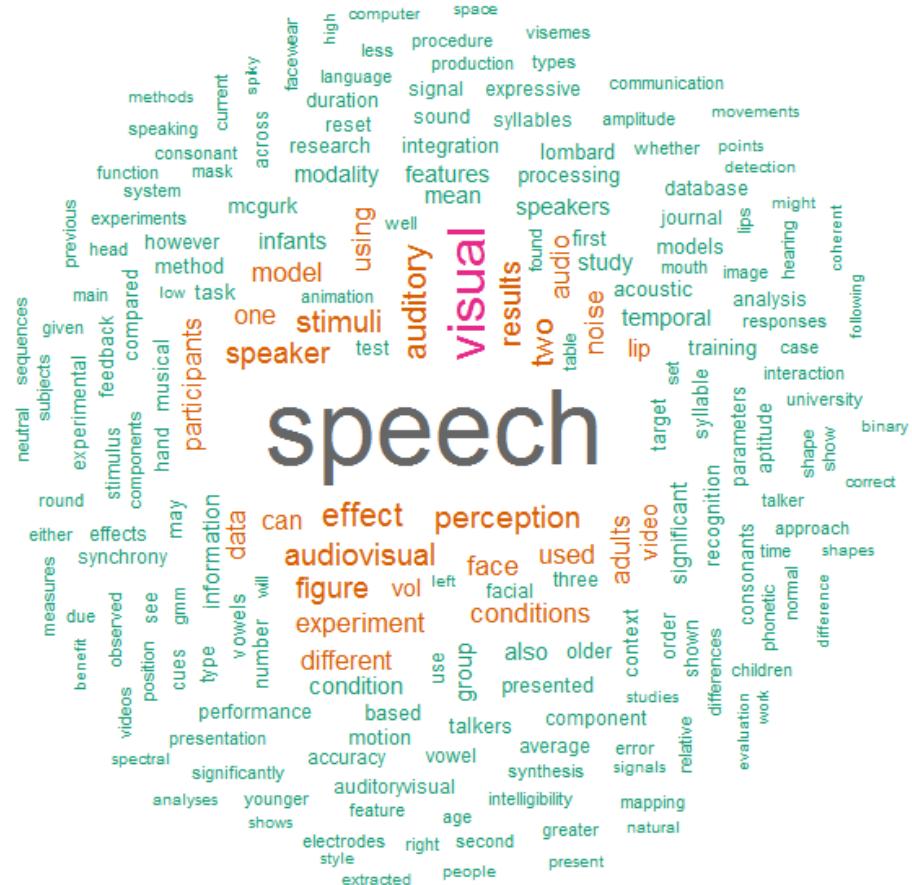


2011



AVSP 2011
Volterra, Italy

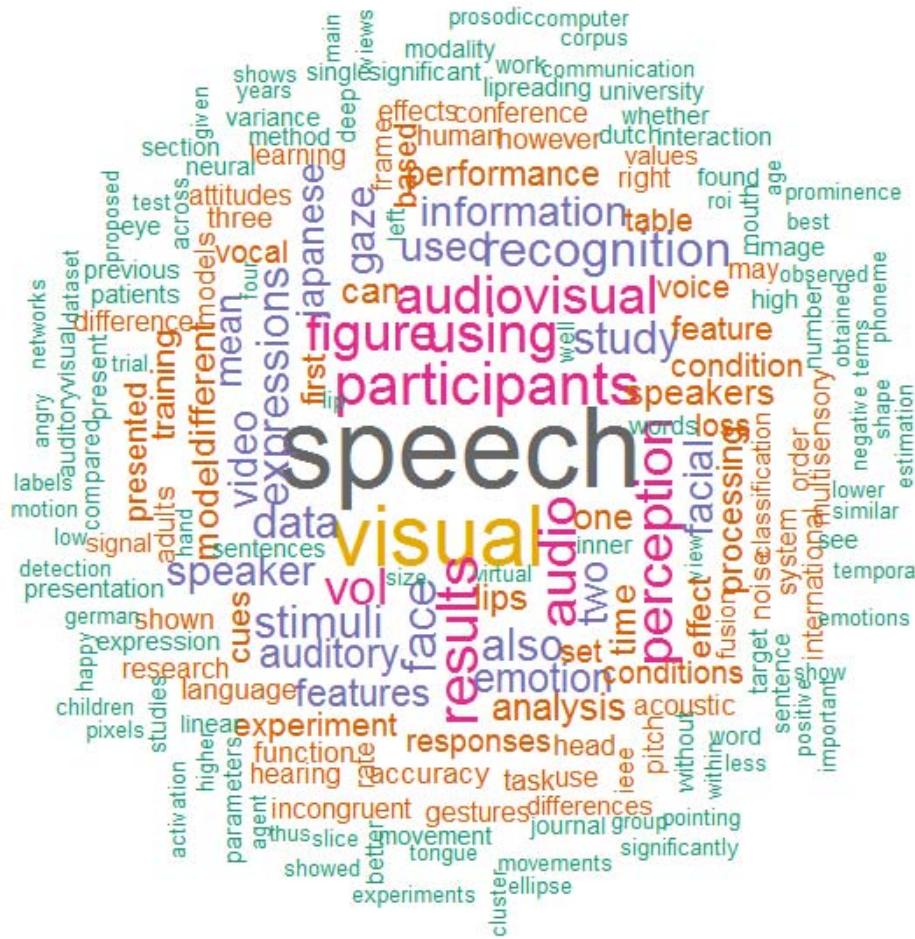
2013



2015



2017



AVSP 2017

International Conference on Auditory-Visual Speech Processing

Stockholm, Sweden, August 25 & 26, 2017