

2009-01-01

The DIT Dynamic Speech Corpus

Dermot Campbell

Technological University Dublin, dermot.campbell@tudublin.ie

Yi Wang

Technological University Dublin, yi.wang@tudublin.ie

Ciaran McDonnell

Technological University Dublin, ciaran.mcdonnell@tudublin.ie

See next page for additional authors

Follow this and additional works at: <https://arrow.tudublin.ie/dmcccon>

Recommended Citation

Campbell, D., Wang, Y., McDonnell, C., Meinardi, M., Richardson, B.: The DIT Dynamic Speech Corpus. IVACS Symposium Conference, Edinburgh, UK. January, 2009.

This Conference Paper is brought to you for free and open access by the Digital Media Centre at ARROW@TU Dublin. It has been accepted for inclusion in Conference papers by an authorized administrator of ARROW@TU Dublin. For more information, please contact arrow.admin@tudublin.ie, aisling.coyne@tudublin.ie, vera.kilshaw@tudublin.ie.

Funder: Enterprise Ireland

Authors

Dermot Campbell, Yi Wang, Ciaran McDonnell, Marty Meinardi, and Bunny Richardson

IVACS 2009

The DIT Dynamic Speech Corpus

Dermot F. Campbell (dermot.campbell@dit.ie)

Yi Wang (yi.wang@dit.ie)

Ciaran McDonnell (ciaran.mcdonnell@dit.ie)

Marty Meinardi (marty.meinardi@dit.ie)

Bunny Richardson (bunny.richardson@dit.ie)

This presentation will outline the current development and functionalities of the DIT Dynamic Speech Corpus which is based on natural, informal dialogue and recorded at a high level of audio quality.

The presenters will demonstrate how learners can find samples of native-to-native speech (in various L1 varieties) on a chosen topic and, in particular, speed-induced elisions, co-articulations and reductions, studying sequences in their full, natural, dialogic environment.

At all stages users will be able to slow down sequences to study how native speakers produce them. First data on the acceptability and effectiveness of the slow-down technology will also be presented.