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Prof. Nobuaki MINEMATSU (Univ. Tokyo)

How can speech technologies support learners to improve their skills of speaking, listening, conversation and more?

The lecturer illustrates how speech technologies support learners to improve their skills of speaking, listening, conversation, and more. Speech can visualize prosodic control required when reading aloud given sentences. By using speech analysis technologies, High Variability Phonetic Training can be enhanced to generate more diverse speech samples. With speech recognition technologies, shadowing assessment was realized to improve learners' parallel processing skills required for smooth conversation. Finally, the lecturer describes how comprehensible speech can be objectively and automatically measured by showing some experimental

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