Abstract

This paper reviews the technology used in Speech-to-Speech Translation that is the phrases spoken in one language are immediately spoken in another language by the device. Speech-to-Speech Translation is a three-step software process which includes Automatic speech Recognition, Machine Translation, and voice synthesis.

This paper includes the major speech translation projects using different approaches for speech recognition, translation, and text-to-speech synthesis highlighting the major pros and cons for the approach being used.

References


**Index Terms**

Computer Science  Pattern Recognition

**Keywords**

Automatic Speech Recognition (ASR), Machine Translations (MT), Text-To-Speech synthesis (TTS).