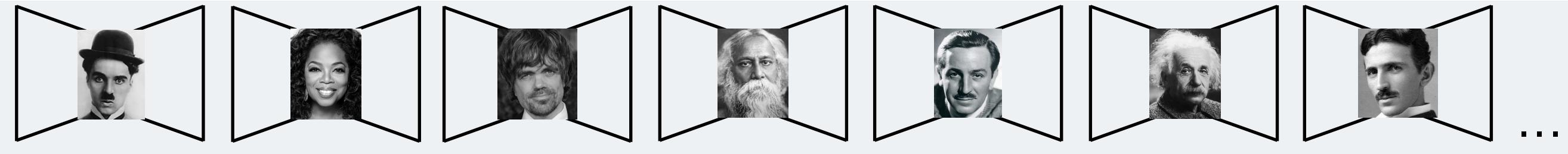


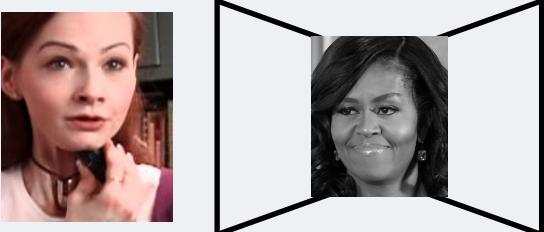
We train **Exemplar Autoencoders** for infinitely many speakers using ~3 minutes of speech for an individual speaker without any additional information.



Once trained, an **Exemplar Autoencoder** can be used for various applications such as:

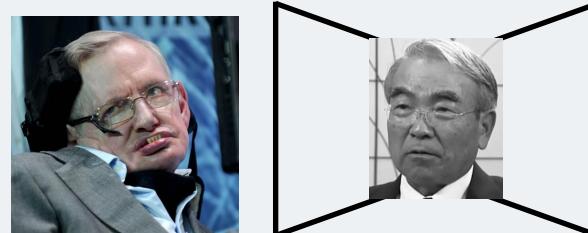
### (a) Assistive Tool for Speech Impaired

**input:** Electrolarynx



**output:** natural voice like  
Michelle Obama.

**input:** Text-to-Speech System



**output:** natural voice like  
Takeo Kanade.

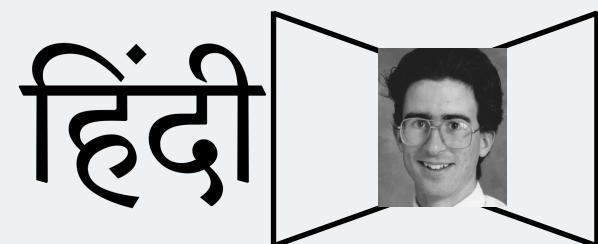
### (b) Multi-Lingual Retargeting

**input:** native Chinese speaker



**output:** Chinese speech in  
John Oliver's voice.

**input:** native Hindi speaker



**output:** Hindi speech in  
John Oliver's voice.