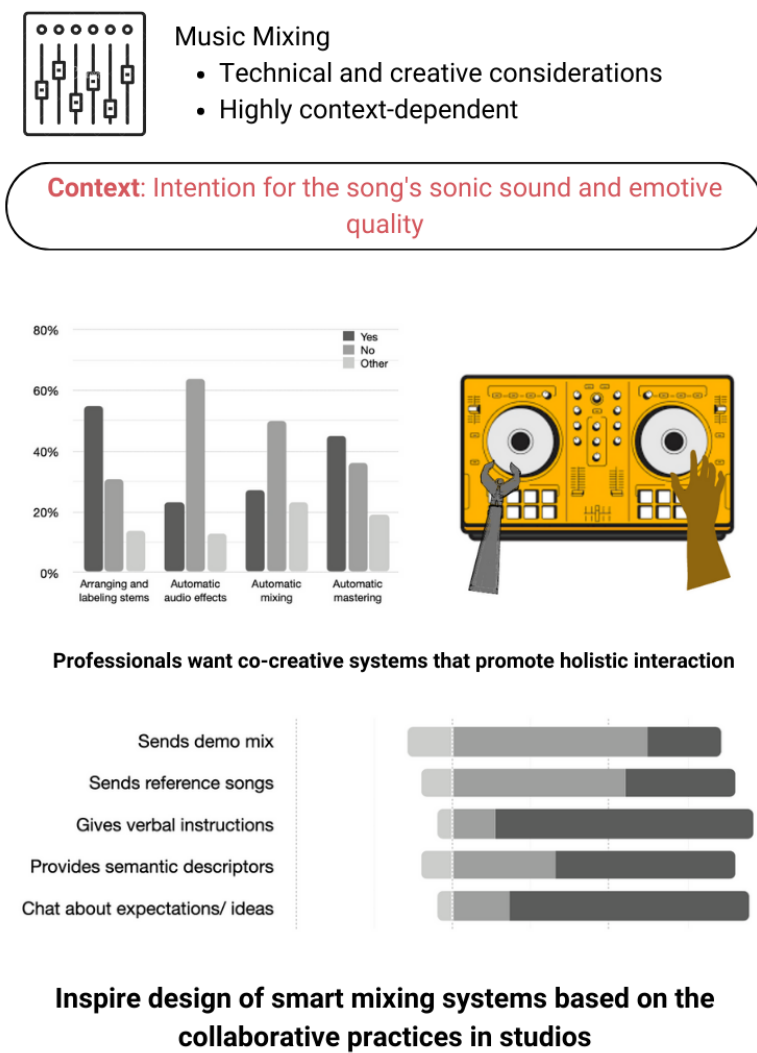


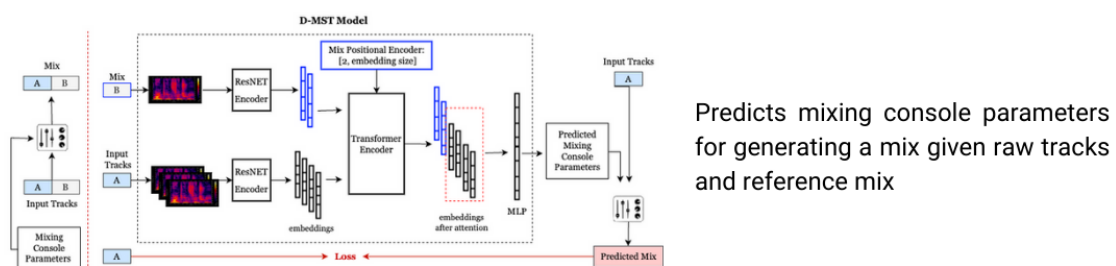
# Music Mixing Style Transfer - Informed by Professional Practice

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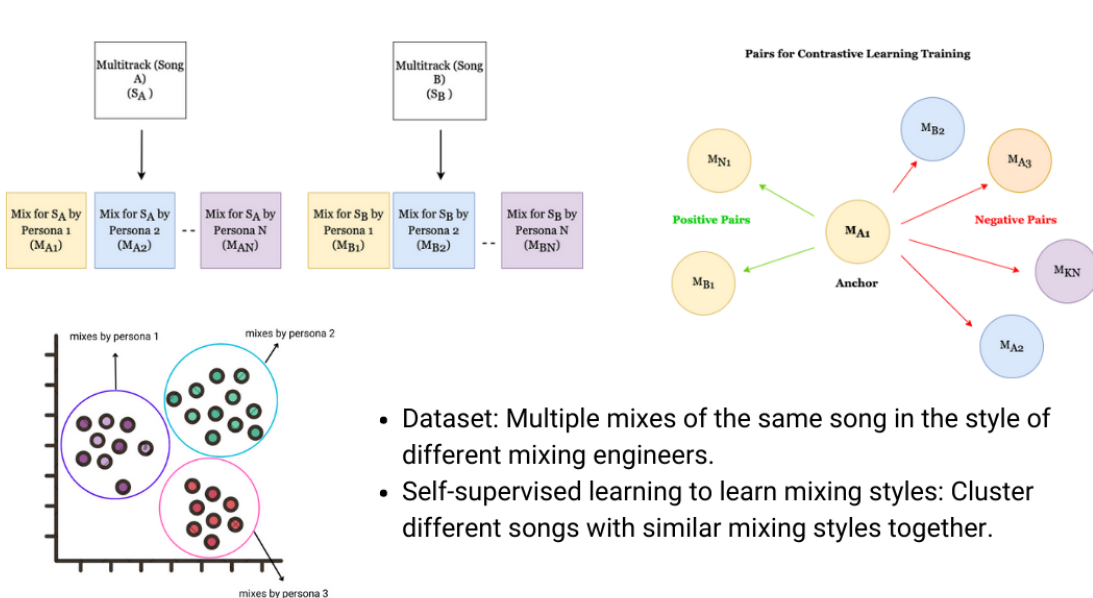


## Mixing Style Transfer using Reference Song

### Current Work: Differentiable Mixing Style Transfer



### Future Work: Self-Supervised learning of Mixing Style Latent Space



## Finding

The targeted user group influences automatic mixing system design. Professionals prefer collaborative, controllable systems. Mixing style transfer can be inspired by collaborative practices in studio. Transformer encoder-based transfer learns gain and pan settings from reference song, but advanced audio effects require further investigation.

## Question

Reference songs are often used as a medium of tacit agreement for the vision of the mix (mixing style for the song) between the artist and the mixing engineer. In the upcoming work, we want to investigate if it would be possible to disassociate mixing styles from the content of the song. We also want to ask what comprises the definition of a mixing style.