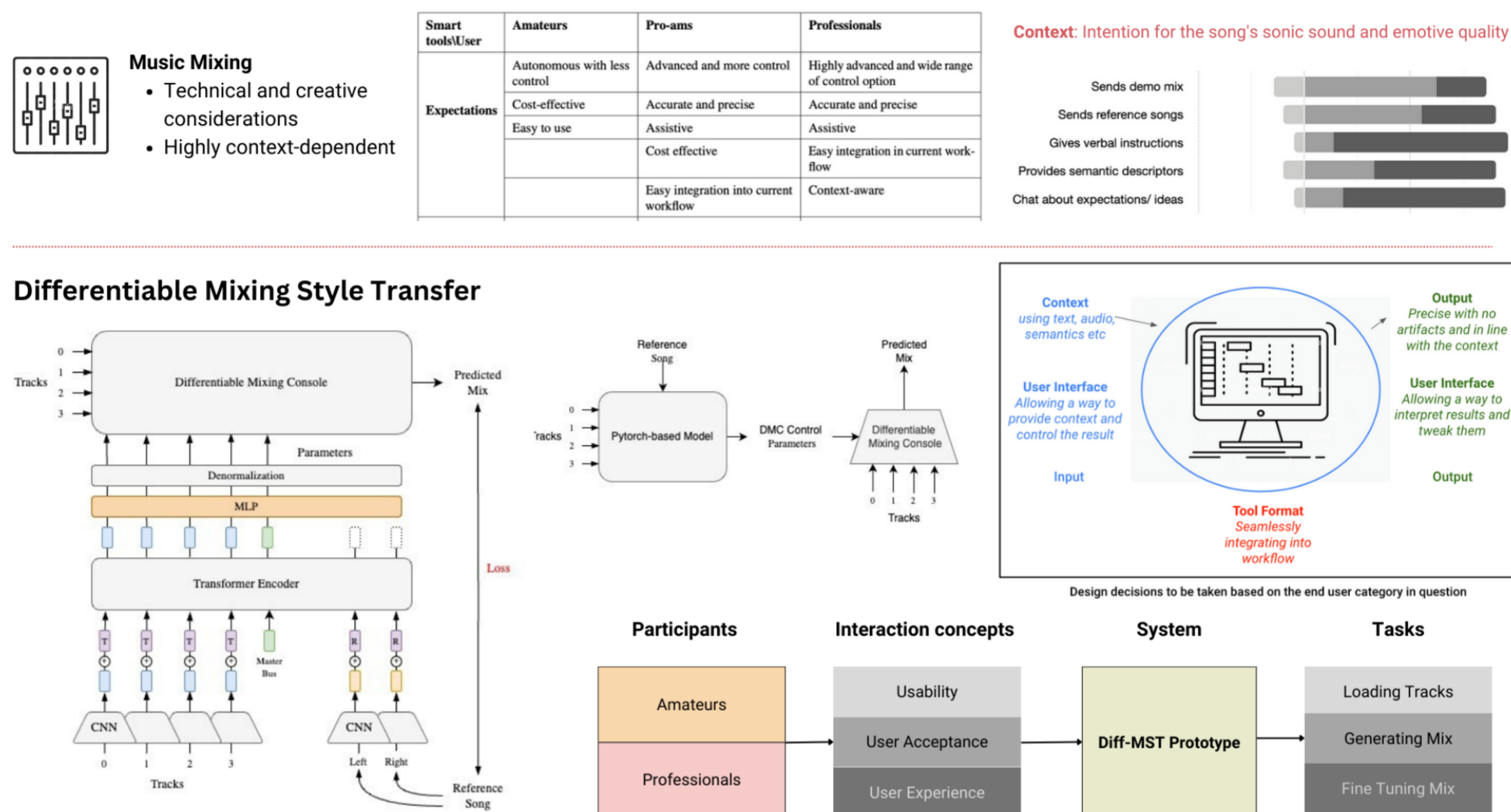


# User-Centric Intelligent Music Multitrack Mixing Style Transfer

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2021



## Finding

We have defined requirements of different user groups from AI mixing tools and identified ways to provide and understand context in real world mixing settings. We have built an interpretable mixing style transfer model incorporating expert knowledge that uses reference song as context to predict mixing console parameters and mix for given tracks.

## Question

We are looking to find an objective definition for similarity and dissimilarity between two mixes and thereby learn a latent space of all possible mixes. We are also working on a prototype for incorporating Diff-MST model into a DAW and conduct user experience and usability evaluations.