## Background

## Literature Review

Generalised HRTFs

Models

Clustering

Frequency Scaling

Structural Models

**Database Matching** 

Principal Components Analysis

Understanding PCA

 $\ensuremath{\mathsf{PCA}}$  and  $\ensuremath{\mathsf{HRTFs}}/\ensuremath{\mathsf{HRIR}}$ 

Search Methods

Simulated Annealing

Method

Analysis

Discussion