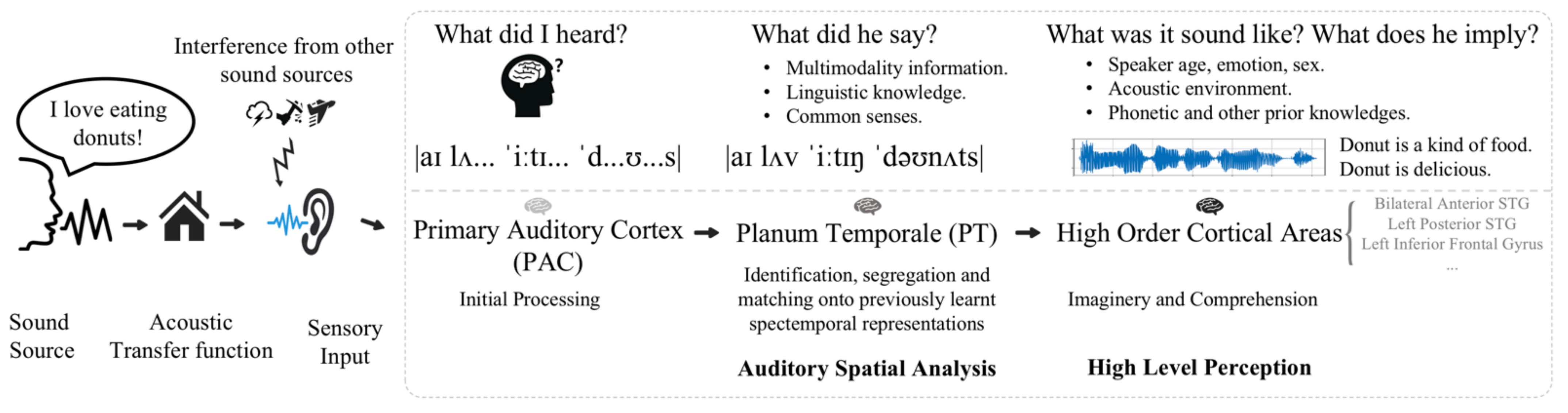




**Motivation**

How do we perceive speech in a noisy environment?

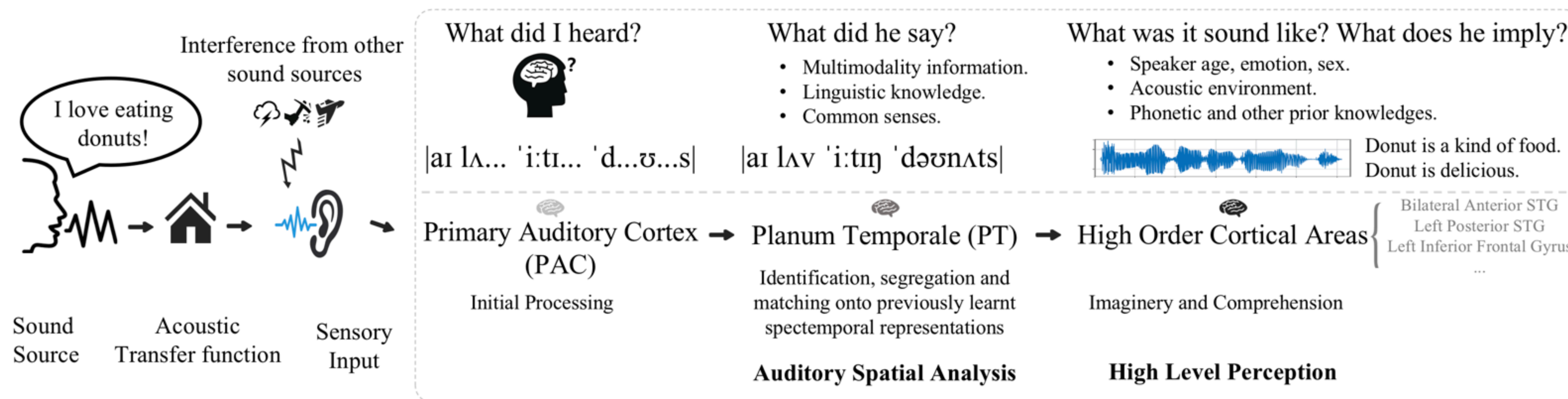


1. Can we introduce pre-knowledge into the restoration model?

Answer: Use large scale pre-trained neural network.

# Motivation

How do we percept speech in a noisy environment?



1. Can we introduce more pre-knowledge into the restoration model?

Answer: Use large scale pre-trained neural vocoder model.

# Motivation

How do we percept speech in a noisy environment?

