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Comparing human and automatic speech recognition in simple and complex acoustic scenes

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**Highlights**

- Automatic speech recognition and human listeners are compared in single-channel and spatial scenes
- In single-channel scenes, ASR is on a par with normal-hearing listeners
- In spatial scenes, there is a substantial human-machine gap of 12.3 dB
- 5.3 dB of this gap can be attributed to poor localization and missing speaker-related features

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