

Speechrecognition

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Seminar Robocup

Why even bother?

- faster and more general way to give robots commands
- a necessity for casual users
- user does not need additional hardware
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What

1. Hardware
2. Localisation
3. Signal Enhancing
4. Voice Activation Detection
5. Speaker Recognition
6. Speech Recognition
7. Discussion/ Question Round

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Hardware

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Localisation

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Signal Enhancing

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Voice Activation Detection

What we use

content...

other approaches

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Speaker Recognition

Speech Recognition

Hidden Markov Models vs Deep Learning vs Online

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Thanks for the Attention!

Discussion/ Question Round
