



# Bachelor or Master Thesis Enhancing a Social Robot's Dialogue Capacities

## Project

In collaboration with the VIVA project we aim to create a lively and trustworthy social robot capable of engaging in social talk with humans.

## Tasks

Possible topics could be

- Emotional speech: how to express the robot's 'mood' through adjustments in speech?
- How to adjust the robot's pitch/intonation/prosody according to users' preferences?
- Enabling the robot to follow verbal instructions (move here/away etc.)
- Create a robot capable of engaging in small talk using seq2seq models

## Prior Knowledge

- First experiences with human-robot-interaction
- A general interest in linguistic research

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