

Ingenieurspraxis, Forschungspraxis

# Development of a Zoom Chatbot for Virtual Audience Feedback

Virtual conference systems provide an alternative to physical meetings that have significantly grown in importance over the last years. However, larger events require the audience to be muted to avoid an accumulation of background noise and distorted audio. While this is sufficient for unidirectional meetings, many types of meetings strongly rely on the feedback of their audience, such as in performing arts.

In this project, we want to extend Zoom sessions with a simple Chatbot that collects the audience participation of each user using a straightforward button interface. Then, the system renders the overall audience feedback based on the feedback state collected from each user. The project combines signal and audio processing with the chance to gain practical experience with app development and SDKs.

## References

- [Create a Chatbot App](#)
- [Build a Chatbot](#)

## Prerequisites

- Good knowledge in Nodejs/JavaScript
- Experience with Git
- Experience with Zoom SDK would be a plus

## Advisors

Christopher Kuhn, Markus Hofbauer