



Contribution ID: 73

Type: In-person interactive poster session

Student Perceptions of an AI Chatbot to Measure and Enhance EFL Speaking

Sunday 18 May 2025 11:05 (1 minute)

TITLE

Student Perceptions of an AI Chatbot to Measure and Enhance EFL Speaking

RELEVANT SIG

Computer Assisted Language Learning (CALL)

FORMAT

Research-oriented Oral Face-to-face presentation (25 minutes, including Q&A)

Short English description

KEYWORDS

Artificial Intelligence
CEFR
Speaking
Chatbot

First-time presenter?

ABSTRACT

The use of artificial intelligence (AI) in English as a Foreign Language (EFL) education is evolving rapidly. This study explores Japanese university students' perceptions of LANGX, a third-party AI chatbot designed for verbal conversation sessions with an AI avatar. Unlike similar AI tools in this field, LANGX incorporates pre- and post-tests aligned with the CEFR scale to assess students' speaking proficiency and adapt conversations to their language level. Additional advertised features include analyzing tone of voice and nonverbal cues, such as facial expressions and eye contact, for assessing communicative competence.

Over 8 weekly sessions (including one pre- and post-test), the researcher examined the full implementation process, from onboarding to program completion. A mixed-methods approach consisting of data provided

by the chatbot, surveys, interviews, student reflections, and observations was used to evaluate the chatbot's ease of use, perceived benefits, and areas for improvement. This presentation will highlight key findings and discuss opportunities for further research and development in AI chatbot applications for EFL education.

Author: Mr VAN DEUSEN, Brendan (Saga University)

Presenter: Mr VAN DEUSEN, Brendan (Saga University)

Session Classification: Sunday Posters

Track Classification: Computer Assisted Language Learning