Mondheera Pituxcoosuvarn

Lecturer · Human-Computer Interaction Researcher

Faculty of Information Science and Engineering, Ritsumeikan University · Japan

mond-p@fc.ritsumei.ac.jp mondheera.website si-lab.org

PROFILE

HCI researcher exploring human-AI collaboration, computer-supported collaborative work, interactive learning, multilingual communication, and creative play. I design and study tools that help people understand, learn, and create together.

ACADEMIC APPOINTMENTS

Lecturer · Ritsumeikan University
2025-present | Faculty of Information Science and Engineering

Assistant Professor · Ritsumeikan University
2020-2025

EDUCATION

PhD, Informatics · Kyoto University
2016-2020 | Collaborative Program in Design. Dissertation: Improving Mutual Understanding in MT-Mediated Communication.

Master of Informatics · Kyoto University
2013-2016 | Intercultural collaboration and cultural asymmetry.

BSc, Computer Engineering · KMUTT, Thailand
2009-2013 | FrontierLab exchange research at Osaka University.

SELECTED GRANTS

JSPS KAKENHI Early-Career Scientists
Principal Investigator, Intelligent Facilitator for Multilingual Design Workshops (2021-2026).

JSPS KAKENHI Scientific Research (B)
Co-Investigator, Sharing Economy for Language Resource Ecosystem (2021-2025).

SKILLS

Teaching design
Course and syllabus design; classroom game design; playful learning activities.

AI and language technology
NLP, machine translation, LLM integration, and prompt engineering.

Software and web development
Python, JavaScript, React, Node.js, C/C++, Java, FastAPI, REST APIs, and full-stack web development.

RESEARCH AREAS

Human-AI collaboration · CSCW · collaborative and language learning · intercultural and multilingual communication · creative play and interactive systems

TEACHING & SUPERVISION

Designs course syllabi and learning activities for Web Applications, Programming Practice II, Science and Technology English, Web Information Engineering, and Advanced Information Processing for Humanities. Designs classroom games for interactive, AI-supported English speaking and vocabulary practice. Supervises undergraduate research (2020-present) and master's research (2025-present) on multilingual communication, AI facilitation, and interactive systems.

ACADEMIC SERVICE

Committee member, IEICE Human Communication Group and IPSJ Communication Network and Entertainment Computing groups. IFIP ICEC Interactive Demo Co-Chair and Doctoral Symposium Co-Chair (2025-2026). Conference reviewer, session chair, program committee member, and journal reviewer.

LANGUAGES

Thai (native) · English (fluent) · Japanese (conversational fluency; basic literacy)

SELECTED OUTREACH

Invited talks on AI-based ESL speaking tools and machine-translation-mediated intercultural collaboration; outreach on AI capacity development in Thailand.