

2025年度 第1回日本科学教育学会研究会（国際交流委員会開催）プログラム
Program of the JSSE 1st Research Conference Conducted in English 2025

[テーマ]	Science Education from Global Perspectives
[日時]	2025年11月29日（土）9:00-12:00 Saturday, November 29, 2025, 9:00-12:00 (JST)
[会場]	オンライン開催 Online
[日程]	
8:40-9:00	入室 Open
9:00-9:05	開会 Opening Remarks: Manabu SUMIDA, President of JSSE
9:05-9:45	講演1 Guest Talk 1: Dr. Ban Heng CHOY (Associate Professor, Nanyang Technological University, Singapore) "Teaching Mathematics in an AI-driven World: The Role of Teacher Noticing"
9:50-11:09	研究発表* General Presentations* * 10分発表、5分質疑応答、入れ替え時間1分 10 mins. Presentation, 5 mins. Q&A, 1 min. In-between
11:15-11:55	講演2 Guest Talk 2: Dr. Irma Rahma SUWARMA (Associate Professor, Universitas Pendidikan Indonesia, Indonesia) "STEM Education Development Pathways and Impact in Indonesia"
11:55-12:00	閉会 Closing Remarks: Kotaro KOMATSU, Chair of JSSE International Exchange Committee
12:00	終了 Close
12:00-12:30	情報交換会 Information Exchange Session

座長 Chair Kenneth L. Huff

A01	9:50-10:05	An Exploratory Study on Japanese Students' Perceptions of English-Based Science Education and Its Relationship to Academic Performance ○Rafols GLENNIE ROSE (Ikubunkan Global High School)
A02	10:06-10:21	Barrier to Voicing Experience of Female Researchers in Japan: Structural Issues from Post-Feminism Discourse ○Miku YOSHIDA (Chiba University of Commerce)
A03	10:22-10:37	Connecting "Problem Creation Studies" with Intellectual Curiosity ○Shin WATANABE (Life Long Education on Mathematics Research Institute)
A04	10:38-10:53	Integrating Science, Technology, and Society (STS) into STEM Education: A Curriculum Framework for Gifted Education ○Antonnette PAWILEN (Ehime University), Manabu SUMIDA (Ehime University)
A05	10:54-11:09	The Next Generation Science Standards (NGSS) (1): Four Perspectives of the U.S. Science Education System ○Koichi FURUYA (Joetsu University of Education), Kenneth L. HUFF (Williamsville Central School District, New York)

座長 Chair Satoshi KUSAKA

B01	9:50-10:05	Exploring the Role of Artificial Intelligence in Nigeria Science Education: A Teacher-Administrator Analysis ○Azeez OSENI (Ehime University), Manabu SUMIDA (Ehime University)
B02	10:06-10:21	Students' Attitudes Towards STEM at Elementary School Level ○Fakhra KHATOON (Ehime University), Manabu SUMIDA (Ehime University)
B03	10:22-10:37	Exploring Pedagogical Practices of Science Teachers at Basic Level through STEAM Pedagogy Framework: A Case Study of Nepal ○Khil Narayan SHRESTHA (Naruto University of Education), Satoshi KUSAKA (Naruto University of Education)
B04	10:38-10:53	Development of Teaching Materials for Fostering Computational Thinking and Mathematics Skills in Primary Education in El Salvador ○Diana HERRERA(Naruto University of Education), Hiroki ISHIZAKA (Naruto University of Education)
B05	10:54-11:09	Proposal for Earth Science Education Considering Human-Generated Heat Release in the Anthropocene ○Yuko NOMURA (Previous Affiliation: Disaster Education Research Institute)

座長 Chair Shun SUDO

C01	9:50-10:05	Inquiry-Based Learning: Weekly vs. Daily Lessons Approaches in Science Education in El Salvador ○Jorge AVILA (Naruto University of Education), Hiroaki OZAWA (Naruto University of Education)
C02	10:06-10:21	The Role of Activity-Based Gamification in Enhancing Motivation to Solve Mathematical Word Problems in Ghanaian Basic Education ○James VINYO (Naruto University of Education), Satoshi KUSAKA (Naruto University of Education)
C03	10:22-10:37	Research on the Difficulties and Dealing with them of Elementary School Teachers in Teaching Science Observation: Through Interview Surveys ○Remi TANAKA (University of Tsukuba), Yoko YAMAMOTO (University of Tsukuba)
C04	10:38-10:53	Analysis of Educational Phenomena and Biological Content Areas in the <i>Japanese Journal of Biological Education</i> ○Masaru SHIGA (University of Tsukuba), Yoko YAMAMOTO (University of Tsukuba)