

2023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 2023

[テーマ] Science Education from Global Perspectives

[日時] 2023年11月4日(土) 9:00~12:00 Saturday, November 4, 2023, 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: Yoshinori Shimizu, Vice-President of JSSE

9:05~9:45 講演1 Guest Talk 1: Prof. David Wagner (University of New Brunswick)

9:50~11:07 研究発表 General Presentations*

11:15~11:55 講演2 Guest Talk 2: Prof. David Anderson (The University of British Columbia)

11:55~12:00 閉会 Closing Remarks: Sachiko Tosa, Chair of JSSE International Exchange Committee

12:00 終了 Closed

12:00~12:30 情報交換会 Information Exchange Session

*12分発表、5分質疑応答、入れ替え時間3分 12 mins. Presentation, 5 mins. Q&A, 3 mins. In-between

座長 Chair Tomotaka KURODA

A01	9:50-10:07	Electrophysiological Monitoring of Instantaneous Cognitive Load During Computational Task Performance ○Osamu INOMOTO (Kyushu Sangyo Univeristy), Takuya SUMI (Nishiyamato Gakuen Junior High School and High School)
A02	10:10-10:27	Development and Evaluation of a Reading and Worksheet on the Subject of Superconductivity and Linear Bullet Trains for 2nd Year Junior High School Students ○Kyoosuke IKEDA (Chiba University), Shuichi YAMASHITA (Chiba University)
A03	10:30-10:47	Development and Evaluation of Educational Programs for University Students at Tojogaoka Historical Park ○Reiko MINAGAWA (Chiba Prefectural Matsudo Koyo High School), Shuichi YAMASHITA (Chiba University), Toshinobu HATANAKA (Toho University), David ANDERSON (The University of British Columbia)

座長 Chair Satoshi KUSAKA

B01	9:50-10:07	Teachers' Reflection in Mathematics Lesson Through Lesson Study Cycle: Focusing on Teachers' Discussions ○Hyomin KANG (University of Tsukuba, Graduate School of Comprehensive Human Sciences)
B02	10:10-10:27	Exploring Gifted Students' Perception of Mathematical Problems ○Natsuki UCHIKUBO (University of Tsukuba)
B03	10:30-10:47	Exploring Translation Issues of Proof-Related Words: The Case of Japanese ○Yusuke SHINNO (Hiroshima University)
B04	10:50-11:07	The Future of Mathematical Education and Lifelong Learning on Mathematics ○Shin WATANABE (Life Long Education on Mathematics Research Institute)

座長 Chair Daiki NAKAMURA

C01	9:50-10:07	Metaphorical Perceptions of STEAM Education: Insights from Japanese Prospective Mathematics and Science Teachers ○Vincent SABONG (Ehime University), Manabu SUMIDA (Ehime University)
C02	10:10-10:27	The Significance of Assembling Gifted Children in a Non-Formal Context: A Case Study of APCG 2024 Pre-Youth Summit ○Ijeoma ONWUKEME (Ehime University), Ivonne SANCHEZ SEGURA (Ehime University), Manabu SUMIDA (Ehime University)
C03	10:30-10:47	Scientific Research and Education Outside "Formal" Academia: An Overview on Grants-in-Aid for Scientific Research (Kakenhi) in Japan ○Miku YOSHIDA (NPO Tokyo Gakugei Univ. Children Institute for the Future), Yumi WAGATSUMA (NPO Tokyo Gakugei Univ. Children Institute for the Future)
C04	10:50-11:07	Clarification on the Physical and Chemical Implications of Fire Triangle ○Yuko NOMURA (Disaster Education Research Institute)