

Poster Session (13:00-14:30, Day 2 November 26 (Sat.), 2022)

- ※ Poster presentations of high school and college of technology students are divided into three groups.
- ※ Presenters should explain the research in 3 to 5 minutes at the start of the presentation time shown in the table below.
- ※ Also, presenters should explain the research whenever audience comes during 13:00 - 14:30.
- ※ All presenters are required to explain using a pre-submitted single-page poster.

General Poster Session

Presentation time	Program No. (Receipt No.)	Title	Author(s)
13 : 05-13 : 15	PG001 (A015)	Kinetic Analysis of Wet Torrefaction for Rice Straw	Tomohito INOUE (Kindai university) and Toru SAWAI
13 : 15-13 : 25	PG002 (A042)	Estimation of Heating Value of Torrefied Real Biomass Based on Pyrolysis Kinetics of Biomass Constituent Polymers	Tsuyoshi KUSANO (Kindai university) and Toru SAWAI
13 : 25-13 : 35	PG003 (A047)	Evaluation of Bending Characteristics in Corroded Steel Sheet Pile due to Different Thickness by Acoustic Emission with DIC Method	Taiki HAGIWARA (Niigata University), Yuma SHIMAMOTO, Tetsuya SUZUKI, Yukio ABE, and Takeo HARADA
13 : 35-13 : 45	PG004 (A048)	Application of FEM to Improve Accuracy of Skin Viscoelasticity Quantitative Evaluation Techniques	Zhan KANGRUI (University of Yamanashi), Yasumi ITO, Ryuichi YAMADA, Yuto SATO, Yoshiyuki KAGIYAMA, and Tetsuya NEMOTO
13 : 45-13 : 55	PG005 (A049)	Development of Quantitative Evaluation Technique for Viscoelastic Properties of Human Skin in Vivo -Investigation of skinsites, tissue structure, and effects of aging-	Yuto SATO (University of Yamanashi), Yasumi ITO, Ryuichi YAMADA, Yoshiyuki KAGIYAMA, Tetsuya NEMOTO, Toshie SUGITA, Kaori SAKURAMOTO, and Hiroshi MITSUI

Special Poster Session by Students of High School and College of Technology

Group 1

Presentation time	Program No. (Receipt No.)	Title	Author(s)
13 : 05-13 : 15	PS001 (A007)	Molten Salt Gasification Characteristics of Various Organic Waste Fuels for HF-DCFC	Shogo YORITOMI (Osaka Metropolitan University College of Technology) and Kimihiko SUGIURA
13 : 15-13 : 25	PS004 (A028)	Study of Self-Propagating Exothermic Reaction of Porous Ni Plating	Hiroto IKUSHIMA (Kobe City College of Technology), Kenji TANIMOTO, and Shugo MIYAKE
13 : 25-13 : 35	PS007 (A031)	Analytical Study on Drag Reduction of Electric Bicycles for Competition	Yusuke YOSHII (Kindai University Technical College) and Koichi ARAGA
13 : 35-13 : 45	PS010 (A020)	Rupture of a Liquid Bridge Between Horizontal Parallel Plates	Wataru EDAMOTO (National Institute of Technology, Miyakonojo College), Shogo TANIGUCHI, and Hiroyuki SHIRAIWA
13 : 45-13 : 55	PS013 (A054)	A Study on the Influence of a Communication Robot that Incorporates Human Emotions into its Control on Humans Using a Soap Bubble Robot	Rin HIRAHARA (Kindai University Technical College) and Naoya HASEGAWA
13 : 55-14 : 05	PS016 (A017)	Method of Avoiding False Detection of Arc Sensors in Short-Circuit Transition	Shinji YAMAMOTO (Kindai University Technical College), Ryota KUSUMOTO, Sentaro HAGINO, and Katsuya KUGAI

Group 2

Presentation time	Program No. (Receipt No.)	Title	Author(s)
13 : 05-13 : 15	PS002 (A019)	Study on Heat Transfer Characteristics of Condensation Section of Rectangular Thermosyphon	Koki MIWA (National Institute of Technology, Miyakonojo College), Ren TOSHIKAWA, and Hiroyuki SHIRAIWA
13 : 15-13 : 25	PS005 (A037)	Development of a Tuna Robot Capable of Tail Oscillation at High Frequencies	Ryota IRIFUNE (Kindai University Technical College), Kaito SANADA, Riku KISHINO, and Katsuya KUGAI
13 : 25-13 : 35	PS008 (A009)	Proposal of Jet Control Method by Elucidating Inclined Impact Jet Characteristics on Local Air Conditioning System	Atsuhiko UENO (Osaka Metropolitan University College of Technology), Kimihiko SUGIURA, Tadayuki KAMIMURA, and Yoshihumi SUEHIRO
13 : 35-13 : 45	PS011 (A052)	Research on Sounds and Children's Responses for a Communication Robot that Incorporates Human Emotions in its Control	Yuki USHIRODA (Kindai University Technical College) and Naoya HASEGAWA
13 : 45-13 : 55	PS014 (A024)	Examination of SWMC Applying Method by Spray Coating Method for PEFC	Shuma NISHIMORI (Osaka Metropolitan University College of Technology) and Kimihiko SUGIURA

Group 3

Presentation time	Program No. (Receipt No.)	Title	Author(s)
13 : 05-13 : 15	PS003 (A041)	Prototyping a Heating/Cooling Type Hair Curling Iron to Reduce Damage to Hair	Yuka SETO (International College of Technology, Kanazawa) and Tetsuya KOMA
13 : 15-13 : 25	PS006 (A026)	Development of a Small Bird-Like High-Performance Flying Robot	Utaka KAGAWA (National Institute of Technology, Kisarazu College), Taichiro ARAI, Masaki HIRANO, Hajime IZUMI, andTadateru ISHIDE
13 : 25-13 : 35	PS009 (A030)	A Study of Surge Occurring in Low Flow Rate Centrifugal Compressor	Ren NAITO (Kindai University Technical College), Naoto HAGINO, and Koichi ARAGA
13 : 35-13 : 45	PS012 (A053)	Research on Communication Robots that Incorporate Human Emotions in Their Control	Kenta UMEMOTO (Kindai University Technical College) and Naoya HASEGAWA
13 : 55-14 : 05	PS017 (A023)	Cutting Mechanism of Turn Milling Applicability and Vibration Characteristics of Variable End Mills	Sho KUTOSE (Kobe City College of Technology), Ryota KITO, Yoshitaka AZUMA, and Takeshi MIYAMOTO