

List of Poster Presentations

General Poster Session

Chairpersons: Masayuki NAKADA (Kanazawa Institute of Technology)
Yuichi ONO (Tottori University)

PG001 (A015)

Kinetic Analysis of Wet Torrefaction for Rice Straw
Tomohito INOUE (Kindai university) and Toru SAWAI

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

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

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

PG005 (A049)

Development of Quantitative Evaluation Technique for Viscoelastic Properties of Human Skin in Vivo -Investigation of skin sites, 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, Technical College, and College of Technology

Chairpersons: Masayuki NAKADA (Kanazawa Institute of Technology)
Yuichi ONO (Tottori University)

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

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

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

PS004 (A028)

Study of Self-Propagating Exothermic Reaction of Porous Ni Plating
Hirotu IKUSHIMA (Kobe City College of Technology), Kenji TANIMOTO, and Shugo MIYAKE

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

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, and Tadateru ISHIDE

PS007 (A031)

Analytical Study on Drag Reduction of Electric Bicycles for Competition
Yusuke YOSHII (Kindai University Technical College) and Koichi ARAGA

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

<p>PS009 (A030) A Study of Surge Occurring in Low Flow Rate Centrifugal Compressor Ren NAITO (Kindai University Technical College), Naoto HAGINO, and Koichi ARAGA</p>
<p>PS010 (A020) Rupture of a Liquid Bridge Between Horizontal Parallel Plates Wataru EDAMOTO (National Institute of Technology, Miyakonojo College), Shogo TANIGUCHI, and Hiroyuki SHIRAIWA</p>
<p>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</p>
<p>PS012 (A053) Research on Communication Robots that Incorporate Human Emotions in Their Control Kenta UMEMOTO (Kindai University Technical College) and Naoya HASEGAWA</p>
<p>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</p>
<p>PS014 (A024) Examination of SWMC Applying Method by Spray Coating Method for PEFC Shuma NISHIMORI (Osaka Metropolitan University College of Technology) and Kimihiko SUGIURA</p>
<p>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</p>
<p>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</p>