

Poster Program for Elevator Speech

| Number | Time | Related Session | Title | Presenting Author |
|------------------|-------------|-----------------|---|----------------------------|
| 19th july | | | | |
| P-01 | 09:40-09:41 | 1 | Lignan O-demethylation by a human intestinal bacterium, <i>Blautia producta</i> ATCC27340 | Shiro Suzuki |
| P-02 | 09:41-09:42 | 1 | Molecular-breeding of high-calorific rice (<i>Oryza sativa</i> L.) plants toward the implementation of gramineous biomass-refinery | Takuji Miyamoto |
| P-03 | 09:42-09:43 | 2 | Integrating strategy for production of bioethanol and bio-based chemicals from sugarcane bagasse | Sadat Mohamed Rezk Khattab |
| P-04 | 09:43-09:44 | 2 | Preparation and characterization of transparent film from acid solution of ball-milled biomass | Yuri Nishiwaki-Akine |
| P-05 | 09:44-09:45 | 2 | Lignin-binding behavior of tandem dimer of 12-mer peptide and its potential as a novel lignin-binding molecular tool | Satoshi Oshiro |
| P-06 | 09:48-09:49 | 2 | BSA sustains binding of cellulases to biomass | Hirotaaka Tajima |
| P-07 | 09:49-09:50 | 2 | Analysis of lipids that revolve shikonin transport machinery using cultured cell of <i>Lithospermum erythrorhizon</i> | Kanade Tatsumi |
| P-08 | 09:50-09:51 | 2 | NMR analysis of interaction mechanism between carbohydrate binding module of cellulase and lignin | Yuki Tokunaga |
| P-09 | 09:51-09:52 | 2 | Enzymatic production of functional chemicals from wood lignin - new development of white biotechnology - | Allyn H. Maeda |
| P-10 | 09:52-09:53 | 2 | Microstructural analysis of oxidized graphene from carbonized wood | Toshimitsu Hata |
| P-11 | 09:56-09:57 | 2 | Antiviral activity of phenolic derivatives in pyroligneous acid from hardwood, softwood, and bamboo | Ruibo Li |
| P-12 | 09:57-09:58 | 2 | Functional analysis of geranyl diphosphate synthase localized in cytosol in <i>Lithospermum erythrorhizon</i> | Hayato Ueoka |
| P-14 | 09:58-09:59 | 3 | Establishment of sustainable wood utilization system of Belian grown in Indonesia by fact-finding survey on legality of logging | Yuki Fuchigami |
| P-15 | 09:59-10:00 | 3 | Development of seismic retrofit method for Japanese traditional wood houses without anchors for preventing the column-base lift up and horizontal movement | Makiko Yokozeki |
| P-16 | 10:00-10:01 | 3 | Study on compressive strength of CLT wall panel under horizontal loading | Youta Ueda |
| P-17 | 10:04-10:05 | 3 | Influence of drying condition of wood on rusting of nails | Hiroki Ishiyama |
| P-18 | 10:05-10:06 | 3 | Estimation of in-plane bending strength considering lamination effect | Hiroto Yamamoto |
| P-19 | 10:06-10:07 | 3 | Addition effect of calcium carbonate on adhesion properties of a new natural adhesive composed of sucrose and ammonium dihydrogen phosphate -Investigation on physical properties of particleboard- | Jiahua Zhou |
| P-20 | 10:07-10:08 | 3 | NIR-PLSR prediction model for analysis of fiber length and compression strength on the platinum teak wood | Danang Sudarwoko Adi |
| P-21 | 10:08-10:09 | 3 | Effect of water hammer phenomenon on liquid permeation in impregnation of wood | Kamii Nakamura |
| P-22 | 10:12-10:13 | 3 | Development of a natural wood adhesive composed of sucrose and ammonium nitrate -Effect of mixture ratio of sucrose and ammonium nitrate on physical properties of | Mitsuki Nomura |
| P-23 | 10:13-10:14 | 3 | Development of timber-concrete composite floor system | Hayato Furusawa |

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| P-24 | 10:14-10:15 | 3 | Novel process for fabricating high-strength cellulose-based products | Kentaro Abe |
| P-25 | 10:15-10:16 | 3 | Residual strength performance of shear resisting walls with partial decay at wall legs | Maki Shibao |
| P-26 | 10:16-10:17 | - | Effects of the extract of cedar wood on cellular stress response and genotoxicity in human fetal glial and glioma cells | Eijiro Narita |
| P-27 | 10:17-10:18 | - | Residual single shear performance of nailed joint to plywood with compulsion decay method | Susumu Nishino |
| 20th July | | | | |
| P-28 | 09:00-09:01 | 4 | Distribution and abundance of three ectoparasitic fungi on <i>Reticulitermes</i> spp. in Japan | Ikhsan Guswenrivo |
| P-29 | 09:01-09:02 | 4 | <i>Wolbachia</i> infection in the invasive longhorn crazy ant: worldwide spread, selective sweep and horizontal transfer | Shu-Ping Tseng |
| P-30 | 09:02-09:03 | 4 | Evaluation of termite biodiversity in botanical garden area in Indonesia: A preliminary result of Batam Botanical Garden | S. Khoiril Himmi |
| P-31 | 09:03-09:04 | - | Exploration of fungi for their potential compound as Bio-attractant in managing wood-attacking organisms | S. Khoiril Himmi |
| P-32 | 09:04-09:05 | - | The effect of ventilation on the growth of <i>Termitomyces eurhizus</i> in submerged cultures | Kazuko Ono |
| P-33 | 09:08-09:09 | 5 | Natural durability of <i>Erythrophleum fordii</i> Oliver against white rot fungi | Nguyen Duc Thanh |
| P-34 | 09:09-09:10 | 5 | Visualizing tile cells on <i>Kleinhovia hospita</i> by means X-ray microtomography | Hairi Cipta |
| P-35 | 09:10-09:11 | 5 | Information acquisition of anatomical features in Fagaceae wood with computer vision methods | Takahiro Kegasa |
| P-36 | 09:11-09:12 | mw | Study on 5.8 GHz charge pump rectifier for internal wireless system of satellites | Ce Wang |
| P-37 | 09:12-09:13 | mw | Study on phase controlled magnetron for phase modulation | Bo YANG |
| P-38 | 09:16-09:17 | mw | Study on a microwave rectifier with intermittent input signal | Takashi Hirakawa |
| P-39 | 09:17-09:18 | mv | Studies on microwave chemical processes toward production in chemical industry | Masakazu Daidai |
| P-40 | 09:18-09:19 | - | Creation of micro and nano spaces for electrodes of energy devices | Takunori Minamisawa |
| P-41 | 09:19-09:20 | space | Effects of electromagnetic perturbations on orbital motion for small space debris | Keisuke Akari |
| P-42 | 09:20-09:21 | space | Simulation of geomagnetically induced electric field originating from ionospheric current | Kazuki Kurisu |
| P-43 | 09:24-09:25 | 7 | Development of EAR multi-channel receiver system using software defined Radio | Nor Azlan Bin Mohd Aris |
| P-44 | 09:25-09:26 | 7 | Virtual temperature profile from the latest experiment of EAR-RASS at Kototabang (West Sumatera-Indonesia) | Ina Juaeni |
| P-45 | 09:26-09:27 | 7 | Development of MU radar real-time processing system with adaptive clutter rejection | Kohsuke Kubota |
| P-46 | 09:27-09:28 | 7 | Reconstruction of ionospheric electron density based on GRBR observation in Indonesia | Timbul Manik |
| P-47 | 09:28-09:29 | 7 | Intraseasonal and diurnal variations of vertical profile of precipitation over Indonesian Maritime Continent | Marzuki |

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| P-48 | 09:32-09:33 | 7 | Shape estimation technique for space debris observation using MU radar | Naruomi Ikeda |
| P-49 | 09:33-09:34 | 7 | Water vapor profiles observed from Raman lidar calibrated with GNSS precipitable water vapor | Hayato Kakiyama |
| P-50 | 09:34-09:35 | 7 | A study on Mie-scattering Lidar with an array-detector and spectrometer for observing high-range resolution profiles of clouds | Fumiya Kitafuji |
| P-52 | 09:35-09:36 | ura | Introduction of Kyoto University Research Administration office (KURA) | Sasha Yoshioka |
| P-53 | 09:36-09:37 | ura | Kyoto University Overseas Centers: WINDOW to ASEAN and European regions | Taro Sonobe |