

PROGRAM SCHEDULE

DAY 1

March 12, 2018 (Monday)

Venue : Graduate School Building UGM

VENUE : SEMINAR ROOM

Time : 1:00 - 3:15 PM

Session : SSA1 (Special Session A1)

Code	Title	Authors and Co-authors
OS03 - 01	A Foot Structure Mimicking Human Walking Behavior for Humanoid Robot	Van Tinh Nguyen (Shibaura Institute of Technology, Japan); Hiroshi Hasegawa (Shibaura Institute of Technology; Graduate School of Engineering and Science, Japan)
OS03 - 02	Robust Gait Recognition for Long and Baggy Clothes Using Kinect Sensor	Abrar Alharbi and Eiji Kamioka (Shibaura Institute of Technology, Japan)
OS03 - 03	Emotions Detection Scheme Using Facial Heat Distribution and Machine Learning	Mustafa Kahil Jamal Saleem and Eiji Kamioka (Shibaura Institute of Technology, Japan)
OS13 - 01	Quadrotor Proportional-Derivative Control on SO(3) with Input Saturation	Samiadji Herdjunanto, Gilang Nugraha Putu Pratama, Andreas P. Sandiwan and Adha Imam Cahyadi (Universitas Gadjah Mada, Indonesia)
OS13 - 02	Adaptive Control System Design for Two-Wheeled Robot Stabilization	Nur Uddin (Universitas Pembangunan Jaya, Indonesia)
OS13 - 03	Upper Limb Elbow Joint Angle Estimation Based on Electromyography Using Artificial Neural Network	Triwiyanto Triwiyanto (Universitas Gadjah Mada; Politeknik Kesehatan Surabaya, Kementerian Kesehatan RI, Indonesia)

VENUE : MEETING ROOM C

Time : 1:00 - 3:15 PM

Session : SSB1-1 (Special Session B1-1)

Code	Title	Authors and Co-authors
OS11 - 01	Neuroprotective Effects of Tocotrienols	Koji Fukui (Shibaura University, Japan)
OS11 - 02	Possible Mechanisms of Postprandial Physiological Alterations Following Flavan 3-OI Ingestion	Naomi Osakabe (Shibaura Institute of Technology, Japan)
OS11 - 03	Antioxidant Potential of Para Grass Extract for Cosmeceutical Product Development	Siriporn Thongmee (King Mongkut's University of Technology Thonburi, Thailand)
OS11 - 04	The Effect of Tocotrienols on Long-Term High-Fat Diet-Treated Mice	Yugo Kato and Koji Fukui (University of Shibaura Institute of Technology, Japan)
OS11 - 05	Antihypertensive Activity from Mungbean Meal Protein Hydrolysate	Chanikan Sonklin (King Mongkut's University of Technology Thonburi; School of Biotechnology, Thailand)

VENUE : MEETING ROOM C

Time : 1:00 - 3:15 PM
 Session : SSB1-1 (Special Session B1-1)

Code	Title	Authors and Co-authors
OS11 - 06	Application of Micro-Plasma in Accelerating Wound Healing on Mice with Burn Wound	Minh Vo (Ho Chi Minh University of Technology, Vietnam)
Os11 - 07	Shogaol Extraction and Potent Bioactivities	Dung Nguyen (HCM University of Technology, Vietnam)
OS11 - 08	Anti-oxidant and Anti-Aging Potential of Hom Dang Colored Rice Bran Extract	Pitchapat Sunthonkun (King Mongkut's University of Technology Thonburi (Bangkuntien); King Mongkut's University of Technology Thonburi (Bangkuntien), Thailand); Nitnipa Soontorngun (King Mongkut's University of Technology Thonburi, Thailand)

VENUE : CLASSROOM 406

Time : 1:00 - 3:15 PM
 Session : SSB2-1 (Special Session B2-1)

Code	Title	Authors and Co-authors
OS11 - 17	Research on Life Support Engineering	Akihiko Hanafusa (Shibaura University, Japan)
OS11 - 18	Our Basic Studies on Functional Evaluation of Erythrocytes and Platelets	Nobuo Watanabe (Shibaura Institute of Technology, Japan)
OS11 - 19	Conceptual Design of Sinusoidal Shear Flow Generator for Monitoring of Individual Red Blood Cell	Kriengsak Masnok and Nobuo Watanabe (Shibaura Institute of Technology, Japan)
OS11 - 20	Palm Oil Wax Ester Emulsion Used as Seed and Fruit Coating	Roongaroon Pingrajay (King Mongkut's University of Technology Thonburi, Thailand); Kornkanok Aryusuk (King Mongkut's University of Technology Thonburi, Thailand)
OS11 - 21	Effect of pH and Temperature on Swelling Behavior of Polyelectrolyte Complex Gelatin-chitosan Multilayer Thin Films	Sorvoleakhena Eng (Universitas Gadjah Mada, Indonesia); Budhijanto Budhijanto (Gadjah Mada University, Indonesia); Yuni Kusumastuti (Universitas Gadjah Mada, Indonesia)
OS11 - 22	Effect of Silica Nanoparticle Addition on Characteristics of Chitosan Film	Nadya Alfa Cahaya Imani, Yuni Kusumastuti and Himawan Tri Bayu Murti Petrus (Universitas Gadjah Mada, Indonesia)
OS11 - 23	Development of the Rotational Shear Flow Device to Verify the Shear Stress Change as the Additional Hemolysis Factor	Kosuke Igarashi, Reina Ioka and Nobuo Watanabe (Shibaura Institute of Technology, Japan)
OS11 - 24	Surface Modification on Coronary Stent Improving Biocompatibility	Rahmat Sriwijaya (Universitas Gadjah Mada, Indonesia)

VENUE : CLASSROOM 407

Time : 1:00 - 3:15 PM

Session : SBI-1 (Sustainable Building and Infrastructure-1)

Code	Title	Authors and Co-authors
OS02 - 01	A Study on Tensile Strength Characteristics of Traditional Wooden Joints Koshikake-kama-tsugi	Hiroyuki Kijima, Kenji Kabayama and Fumitoshi Kumazawa (Shibaura Institute of Technology, Japan)
OS02 - 02	Development and Application of Antiseismic Technology for the Rack of an Automated Storage and Retrieval System	Hidetaka Funaki, Fumitoshi Kumazawa and Kenji abayama (Shibaura Institute of Technology, Japan)
OS02 - 03	Effect for Concrete Properties on Blending Rate of Ground Granulated Blast Furnace Slag	Takeshi Iyoda (Shibaura Institute of Technology, Japan)
OS02 - 04	Influence of Aggregate Interface in Concrete on Permeability	Koki Tagomori and Takeshi Iyoda (Shibaura Institute of Technology, Japan)
OS02 - 05	Influence on Replacement of Recycled Aggregate for Strength and Durability of Concrete	Hiroki Mizuno (Shibaura Institute of Technology, Japan); Nobuhiro Matsuda (TOKYO TECHNO CO., LTD, Japan); Takeshi Iyoda (Shibaura Institute of Technology, Japan)
OS02 - 06	Flexible Housing: Architectural Investment for Future House	Hendra Frisky and Diananta Prमितasari (Universitas Gadjah Mada, Indonesia)

VENUE : CLASSROOM 306

Time : 1:00 - 3:15 PM

Session : IEEE-1

Code	Title	Authors and Co-authors
OS09 - 03	Investigation on Different Approaches for Formaldehyde Abatement from Indoor Air	Nguyen Thi Thuy (HCMC University of Food Industry, Vietnam); Huynh Thi Van Thao and Nguyen Ngoc (None, Vietnam); Nguyen Nhat Huy (Ho Chi Minh City University of Technology, VNU-HCM, Vietnam)
OS13 - 06	Performance Evaluation of A Battery Cooling System for Electric Vehicles in Short-circuiting Battery Cells	Hiroataka Hata, Naoki Ono, Takashi Yamada and Kazuki Okawa (Shibaura Institute of Technology, Japan)
OS13 - 07	Plastic Straining for Microstructure Refinement in Stainless Steels by Low Temperature Plasma Nitriding	Tatsuhiko Aizawa (Shibaura Institute of Technology, Japan)
OS13 - 08	Viability of Hydro-kinetic Turbine as an Alternative for Renewable Energy Harvesting in Nigeria	Ibrahim Masud (Shibaura Institute of Technology; TIEC, Japan)
OS13 - 09	Improved Performance and Superconducting Properties of MgB ₂ -Diamond Nanocomposites	Longji Dadiel Joseph (Shibaura Institute of Technology, Japan)
OS13 - 10	EEG Cognition Detection to Support Aptitude-Treatment Interaction in E-Learning Platforms	Othmar Mwambe and Eiji Kamioka (Shibaura Institute of Technology, Japan)

VENUE : CLASSROOM 306

Time : 1:00 - 3:15 PM
 Session : IEEE-1

Code	Title	Authors and Co-authors
OS13 - 11	Ethanol Dehydration by Pervaporation Using Tubular Ceramic-Supported Malic Acid Cross-Linked Graphene Oxide/Poly (Vinyl Alcohol) Nanocomposite Membranes	Viet Duc Nguyen (Faculty of Chemical Engineering, HCMUT, Vietnam); Hieu Nguyen (HCMUT-VNUHCM, Vietnam); Tu Tran (Ho Chi Minh University of Technology HCMUT, Vietnam)
OS13 - 12	Renewable Energy Production from Solid Waste Using Hydrothermal Treatment with Natural Zeolite Addition	Lalak Maleiva, Chandra Purnomo and Sarto Sarto (Universitas Gadjah Mada, Indonesia)
OS13 - 13	Dye-Sensitized Solar Cell Based on Anthocyanin Natural Dye	Eka Maulana, Masruroh Masruroh and Sholeh Pramono (Brawijaya University, Indonesia)

VENUE : SEMINAR ROOM

Time : 3:00 - 5:30 PM
 Session : SSA2 (Special Session A2)

Code	Title	Authors and Co-authors
OS06 - 01	Mobile Robot Localization with Global Ray-Casting Registration Algorithm	Linh Tao (Hanoi University of Science and Technology; School of Mechanical Engineering, Vietnam); Ito Toshio (Shibaura Institute of Technology, Japan)
OS06 - 02	Development of Automated Driving Set Box	Yuichiro Nakayama (Shibaura Institute of Technology; Advanced Driver Assistance Systems Laboratory, Japan); Ito Toshio (Shibaura Institute of Technology, Japan)
OS06 - 03	Development of High Accuracy Digital Map	Afifah Agoes (Shibaura Institute of Technology, Japan)
OS06 - 04	Study on Effective Tasks for Keeping Driver's Arousal Level High in Automated Driving	Akihiro Abe and Ito Toshio (Shibaura Institute of Technology, Japan)
OS03 - 04	Object Detection Method for Electric Senior Vehicle by Computer Vision with Artificial Neural Networks	Jittima Varagul (Shibaura Institute of Technology; Shibaura Institute of Technology, Japan); Ito Toshio (Shibaura Institute of Technology, Japan)
OS13 - 04	Development of a Prototype Collaborative System with Mobility and Robot Network Service	Satoshi Okano (Shibaura Institute of Technology, Japan)
OS13 - 05	Simulation of a Human Following Robot with Object Avoidance Function	Nattawat Pinrath (Shibaura Institute of Technology, Japan)

VENUE : MEETING ROOM C

Time : 3:00 - 5:30 PM
 Session : SSB1-2 (Special Session B1-2)

Code	Title	Authors and Co-authors
OS11 - 09	Methane Production Potential of Oil Palm Mesocarp Fiber Using Various Seed Inoculums and Pretreatments	Eko Heryadi (King Mongkut's University of Technology Thonburi; Mulawarman University, Indonesia)
OS11 - 10	Actin Polymerization as a Target of 19-20-Epoxychocthalasin Q Isolated from Xylaria Sp. BCC 1067	Nitnipa Soontorngun (King Mongkut's University of Technology Thonburi, Thailand)
OS11 - 11	Resistant Starch of Tacca Leontopetaloides (L.) Kuntze by Various Treatment Methods	Quan Vu (Ho Chi Minh City University of Technology, VNU-HCM, Vietnam); Phung Le (Ho Chi Minh City University of Technology, VNU-HCM); Binh Ho (An Giang University, Vietnam); Oanh Tran, Thao Le, Phuong Nguyen, Trang Luong and Huy Vo (Ho Chi Minh City University of Technology, VNU-HCM, Vietnam)
OS11 - 12	Fermentabilities of Rice Noodles with Fiber-Rich Fractions Derived from Cassava Pulp and Pomelo Peel	Yuree Wandee and Dudsadee Uttapap (King Mongkut's University of Technology Thonburi, Thailand)
OS11 - 13	Constituents and in Vitro Biological Activities of Vitex Negundo Essential Oils	Minh-Tam K Nguyen (HCM University of Technology, Vietnam)
OS11 - 14	Antibacterial Activity of Colubrina Asiatica Leaves Extract Against Escherichia Coli and Bacillus Subtilis	Nurul Nadrah (Universiti Teknologi Malaysia; Faculty of Chemical and Energy Engineering, Malaysia); Eraricar Salleh (Universiti Teknologi Malaysia, Malaysia)
OS11 - 15	Subcritical Fluid Extraction of Paradol and Zingiberene from Zingiber Officinale Fresh Rhizome	Vita Paramita and Mohamad Yulianto (Diponegoro University, Indonesia); Indah Hartati (Wahid Hasyim University, Indonesia); Udin Bahrudin and Dwi Handayani (Diponegoro University, Indonesia)
OS11 - 16	Multi-Drug Resistance and Antifungal Potential of Fungal Xylaria Sp. BCC 1067 Extract	Kwanrutai Watchaputi and Nitnipa Soontorngun (King Mongkut's University of Technology Thonburi, Thailand)

VENUE : CLASSROOM 406

Time : 3:00 - 5:30 PM
 Session : SSB2-2 (Special Session B2-2)

Code	Title	Authors and Co-authors
OS11 - 25	Optimization of Enzymatic Hydrolysis for Producing Brown Rice Protein Hydrolysate with Antioxidant and Functional Properties	Orrapun Selamassakul and Natta Laohakunjit (King Mongkut's University of Technology Thonburi, Thailand); Orapin Kerdchoechuen and Khanok Ratanakhanokchai (King Mongkut's University of Technology Thonburi, Thailand); Surapong Pinitglang (University of the Thai Chamber of Commerce, Thailand)
OS11 - 26	Synergistic Effect of NaOH and Ethanol on the Enrichment of Γ -Oryzanol from Acid Oi	Piraporn Sombutsuwan (KMUTT, Thailand); Kornkanok Aryusuk (King Mongkut's University of Technology Thonburi, Thailand)

VENUE : CLASSROOM 406

Time : 3:00 - 5:30 PM
 Session : SSB2-2 (Special Session B2-2)

Code	Title	Authors and Co-authors
OS11 - 27	Application of Heat - Moisture Treated Canna Starch to Cream Soup Product	Aubolwan Rangsin and Dudsadee Uttapap (King Mongkut's University of Technology Thonburi, Thailand)
OS11 - 28	High Fluoride Release and Relation To Mechanical Resistance of A Glass Ionomer Cement In Distilled Water And Artificial Saliva	Minh Huynh, Huynh Nguyen and Minh Do (Ho Chi Minh City University of Technology, Vietnam)
OS11 - 29	Study on Two Different Type of Extracting Method in Catnip (Nepeta Cataria L.) Essential Oil	Nur Zularifin (Universiti Teknologi Malaysia, Malaysia)
OS11 - 30	Capillary Column Coated with Silver Nitrate-Polyethylene Glycol for Gas Chromatographic Separation of Fatty Acids	Siriluck Pojjanapornpun (King Mongkut's University of Technology Thonburi, Thailand); Kornkanok Aryusuk and Kanit Krisnangkura (King Mongkut's University of Technology Thonburi, Thailand)
OS11 - 31	Phytochemical Screening from Parts of Tacca Leontopetalodes (L.) Kuntze Collected from an Giang, Vietnam	Huy Vo (Ho Chi Minh City University of Technology, VNU-HCM, Vietnam); Phung Le (Hochiminh City University of Technology, Vietnam); Quan Vu (Ho Chi Minh City University of Technology, VNU-HCM, Vietnam); Minh-Tam K Nguyen (HCM University of Technology, Vietnam); Huyen Nguyen Thi (Ho Chi Minh City University of Technology, Vietnam)
OS11 - 32	Characterization of Layer-By-Layer Assembled Chitosan for Drug Delivery System	Nget Sovannmony and Yuni Kusumastuti (Universitas Gadjah Mada, Indonesia); B Budhijanto (Gadjah Mada University, Indonesia)

VENUE : CLASSROOM 407

Time : 3:00 - 5:30 PM
 Session : SBI-2 (Sustainable Building and Infrastructure-2)

Code	Title	Authors and Co-authors
OS02 - 07	Maximising Natural Ventilation in Terraced Housing A Case Study in Sustainable Design for Affordable Housing	Norazam Othman (Senior Lecturer, Malaysia)
OS02 - 08	Innovative Change Management Tool for Time Overrun Reduction in Building Projects	Sarajul Fikri Mohamed and Arowosegbe Ajayi (Universiti Teknologi Malaysia, Malaysia); Mohd Saidin Misnan (Universiti Teknologi Malaysia; Faculty of Built Environment, Malaysia); Norazam Othman (Senior Lecturer, Malaysia); Zakaria Mohd Yusof (Assoc Prof, Malaysia); Zuhaili Bin Mohamad Ramly (Universiti Teknologi Malaysia, Malaysia)
OS02 - 09	Reaction of Silica with Fly Ash and Alkaline Liquid on Geopolymer Concrete	Tuan Le (Vietnam National University-HochiMinh city, Vietnam)

VENUE : CLASSROOM 407

Time : 3:00 - 5:30 PM

Session : SBI-2 (Sustainable Building and Infrastructure-2)

Code	Title	Authors and Co-authors
OS02 - 10	L-Shaped Mini Louvers Performance of Solar Radiation Reduction in Glass Windows	Alexander Suryandono (The University of Kitakyushu; Universitas Gadjah Mada, Japan)
OS02 - 11	Performance of Recycled Concrete Aggregates as Road Base Material Enhanced by Polymer Waste Layer	Grawira Giwangkara, Azman Mohamed, Hasanan Md. Nor and Hafizah Abd Khalid (Universiti Teknologi Malaysia, Malaysia)
OS02 - 12	A Review on the Relationship Between Building Adaptation Research Methods and Building Typology	Salim Bashir Umar and Ismail Said (Universiti Teknologi Malaysia, Malaysia)
OS04 - 04	Yogyakarta Region's Temporal Variation of Earth Gravity Field from Goce Satellite Gravity Data.	Leni S. Heliani, Dwi Lestari, Kholbi Azam (Universitas Gadjah Mada)

VENUE : CLASSROOM 306

Time : 3:00 - 5:30 PM

Session : IEEE-2

Code	Title	Authors and Co-authors
OS13 - 14	Micro-Texturing into the Graphite Part for Joining and Packaging	Ridha Ikhsani (Brawijaya University, Indonesia); Tatsuhiko Aizawa (Shibaura Institute of Technology, Japan); Dionysius J D H Santjojo (University of Brawijaya, Indonesia); Ersyzario Yunata (Shibaura Institute of Technology, Japan); Setyawan Sakti (Brawijaya University, Indonesia)
OS13 - 15	Low Temperature Plasma Nitriding of Pure Titanium for Hardening	Maharani Rajapadni (University of Brawijaya, Indonesia); Tatsuhiko Aizawa (Shibaura Institute of Technology, Japan); Dionysius J D H Santjojo (University of Brawijaya, Indonesia); Setyawan Sakti and Masruroh Masruroh (Brawijaya University, Indonesia)
OS13 - 16	The Effect of Chitosan Concentration and Coating Process Temperature on the Characteristic of Coated NPK as Controlled Release Fertilizer	Alit Istiani, Yuni Kusumastuti and Rochmadi Rochmadi (Universitas Gadjah Mada, Indonesia)
OS13 - 17	Preliminary Investigation on Manufacture of Nickel Collimator by Electrical Arc Furnace and Centrifugal Casting Process	Mujiyono Mujiyono (Yogyakarta State University, Indonesia); Fajar Nurjaman (Indonesian Institute of Sciences, Indonesia); Alaya Mukhammad (Diponegoro University, Indonesia); Didik Nurhadiyanto and Arianto Soemowidagdo (Yogyakarta State University, Indonesia)
OS13 - 18	Numerical Study on a Drying Process of Liquid Thin Film by Airflow	Cheikh Tidiane Gueye, Daisuke Suzuki, Serina Ooura, Takuya Nemoto and Naoki Ono (Shibaura Institute of Technology, Japan)

VENUE : CLASSROOM 306

Time : 3:00 - 5:30 PM

Session : IEEE-2

Code	Title	Authors and Co-authors
OS13 - 19	Micro-Texturing into DLC Coating on the SKD11 Die via the High-Density Plasma Oxidation	Sukma Fitriani (University of Brawijaya, Indonesia); Tatsuhiko Aizawa (Shibaura Institute of Technology, Japan); Dionysius J D H Santjojo (University of Brawijaya, Indonesia); Masruroh Masruroh and Setyawan Sakti (Brawijaya University, Indonesia)
OS13 - 20	Microfeeding System of Powder Material with Various Signal Vibration Using Mini Shaker	Rahmat Sriwijaya (Universitas Gadjah Mada, Indonesia)
OS13 - 21	Stability of Flexible Wheelchair	Rahmat Sriwijaya (Universitas Gadjah Mada, Indonesia)

DAY 2

March 13, 2018 (Tuesday)

Venue : Graduate School Building UGM

VENUE	: MEETING ROOM C	
Time	: 8:30-10:15 AM	
Session	: GAM (Green Advanced Material)	
Code	Title	Authors and Co-authors
OS07 - 01	Synthesis of Graphene Aerogel for Removal of Cadmium Ions from Water	Thi Truong (Key Laboratory of Chemical Engineering and Petroleum Processing, HCMUT- VNUHCM, Vietnam); Hieu Nguyen (HCMUT-VNUHCM, Vietnam); Tu Tran (Ho Chi Minh University of Technology HCMUT, Vietnam)
OS07 - 02	Synthesis of Graphene Aerogels Using Vitamin C as an Eco-Friendly Reductant for Oil Absorption	Tu Tran (Ho Chi Minh University of Technology HCMUT, Vietnam); Hieu Nguyen (HCMUT-VNUHCM, Vietnam)
OS07 - 03	Development of Titania Based Nanofiltration Membranes	Shuluh Ashmarisya, Toshichika Takeuchi, Ayumi Ikeda and Mikihiro Nomura (Shibaura Institute of Technology, Japan)
OS07 - 04	Hollow Formation of Production Carbon Fiber from Biomass Derived Extract	R. Fugtuan (King Mongkut's University of Technology Thonburi, Thailand)
OS07 - 05	Lateral Load Bearing Capacity of Hybrid Sugar Palm/Glass Fiber-Reinforced Polyester Composites Subjected to a Three-Point Bend Loading	Sudarisman Sudarisman, None, Sandhi Isdiyanto and Muhammad Rahman (Universitas Muhammadiyah Yogyakarta, Indonesia)
OS07 - 06	Biodegradable Foam from Cassava Starch and Commercial Fiber by Twin Screw Extruder	Nattapon Kaisangsri (King Mongkut's University of Technology Thonburi (KMUTT), Thailand)
OS07 - 07	Plasma Diagnosis on the Mixture Gas Plasma State for Nitriding Process	Imron Rosadi and Setyawan Sakti (Brawijaya University, Indonesia); Dionysius J D H Santjojo (University of Brawijaya, Indonesia); Tatsuhiko Aizawa and Ersyzario Yunata (Shibaura Institute of Technology, Japan)

VENUE	: CLASS ROOM 407	
Time	: 8:30-10:15 AM	
Session	: ESG-1 (Earth Science and Geomatics-1)	
Code	Title	Authors and Co-authors
OS05 - 01	Biostratigraphy and Paleoecology: History of Sambipitu Formation Early-Late Miocene Implicated by Foraminifera Fossil	Harman Dwi Rachmadhan (Universitas Gadjah Mada, Indonesia); Mochammad Rahmat Ramdhani, Adnan Widodo, Ryan Avirsa and Abraham Ivan P. (Universitas Pembangunan Nasional, Indonesia)
OS05 - 02	Petrography and Provenance of Yaw Formation in the Tamu Area, Sagaing Region, Myanmar	Thawng Lian Mung, Sugeng Sapto Surjono and Salahuddin Husein (Universitas Gadjah Mada, Indonesia); Hendra Amijaya (Gadjah Mada University, Indonesia)

VENUE : CLASS ROOM 407

Time : 8:30-10:15 AM

Session : ESG-1 (Earth Science and Geomatics-1)

Code	Title	Authors and Co-authors
OS05 - 03	Integrated Analysis of Deepwater Deposits in Central and East Java Basin: Comparing Deepwater Rocks Characteristics for Potential Hydrocarbon Reservoir	Reynara Chen (UPN Veteran Yogyakarta, Indonesia)
OS05 - 04	Healing of Fractures in Rock Salt and Potash Under High Confining Pressures	Korakot Konsaard (Suranaree University of Technology, Thailand)
OS05 - 05	Physical Model Simulations of Super-Critical Subsidence Above Salt Bed Due to Brine Pumping Process	Thanittha Thongprapha, Kittitip Fuenkajorn and Supattra Khamrat (Suranaree University of Technology, Thailand)
OS05 - 06	Effect of Earthquake Vibration on Shear Strength of Sandstone Fractures	Khanapot Boonyord (Suranaree University of Technology, Thailand)
OS05 - 07	Effects of Cyclic Loading on Frictional Behavior of Fractures in Sandstone	Narudon Patitung (Suranaree University of Technology, Thailand)
OS05 - 09	Permeability of Phu Phan and Sao Khua Sandstones Under High Confinements	Sawarin Champanoi (Suranaree University of Technology, Thailand)

VENUE : CLASS ROOM 306

Time : 8:30-10:15 AM

Session : IEEE-3

Code	Title	Authors and Co-authors
OS13 - 22	A New Algorithm Assessing the Transient Stability for Ranking the Power Network Areas in Large Power System	Vquang Luu (HCMUT, Vietnam)
OS13 - 23	From THIO to THIOCMP: The Development of Technology Assessment Concept Using Technometrics	Novi Marlyana (Universitas Gadjah Mada; Universitas Islam Sultan Agung, Indonesia)
OS13 - 24	Short-ranged Maximum Power Point Tracking Algorithm for Series Connected Photovoltaics in Partial Shading Situation	Jirada Gosumbonggot, Duy-Dinh Nguyen and Goro Fujita (Shibaura Institute of Technology, Japan)
OS13 - 25	Early Rice Disease Detection and Position Mapping System Using Drone and IoT Architecture	Nuttakarn Kitpo and Masahiro Inoue (Shibaura Institute of Technology, Japan)
OS13 - 26	Failure-Atomic Synchronization of Memory Mapped Data in Non-volatile Memory Based System	Koki Haga and Kenichi Yamazaki (Shibaura Institute of Technology, Japan)
OS13 - 27	Software Defect Prediction Using Random Forest	Yan Naung Soe and Paulus Insap Santosa (Universitas Gadjah Mada, Indonesia); Rudy Hartanto (Gadjah Mada University; Electrical Engineering and Information Technology Departmen, Faculty of Engineering Gadjah Mada University, Indonesia)

VENUE : MEETING ROOM C

Time : 10:30-12:00 AM

Session : SUR-1 (Sustainable Urban and Regional Planning & Development - 1)

Code	Title	Authors and Co-authors
OS10 - 01	Traditional Ecological Knowledge and Climate Change: An Introduction	Nadzirah Hosen and Hitoshi Nakamura (Shibaura Institute of Technology, Japan)
OS10 - 02	Study on Management of a Community Design House by Collaboration Between University and Local Residents	Chenporn Lapcharoen (Shibaura Institute of Technology, Japan)
OS10 - 03	Preliminary Study of Effects of Physical Neighborhood Environment Design on Social Connectedness Among Aging Residents	Nadhirah binti Nordin and Hitoshi Nakamura (Shibaura Institute of Technology, Japan)
OS10 - 04	Station Area Population and Employment Estimation Based on Building Floor Space: An Analysis of Toyosu, Tokyo	Bor Tsong Teh and Michihiko Shinozaki (Shibaura Institute of Technology, Japan); Chin Siong Ho and Loon Wai Chau (Universiti Teknologi Malaysia, Malaysia)
OS10 - 05	Streetscape Analysis Using Virtual Reality in Braga Street in Bandung Indonesia	Shinryo Kurata and Michihiko Shinozaki (Shibaura Institute of Technology, Japan)
OS10 - 06	Importance of Urban Forest Development in Malaysia on Real Estate: A Review	Nurul Saadah, Noorsidi Aizuddin Mat Noor, Nurul Hana Adi Maimun, Dzurlkhanian Zulkarnain Daud, Wan Ibrism Fikry Wan Ismail, Mohd Shahril Abdul Rahman, Nurul Syakima Mohd Yusoff, Shazmin Shareena Ab Azis and Hariati Abdullah Hashim (Universiti Teknologi Malaysia, Malaysia)

VENUE : CLASS ROOM 407

Time : 10:30-12:00 AM

Session : ESG-2 (Earth Science and Geomatics-2)

Code	Title	Authors and Co-authors
OS05 - 10	Consolidation of Crushed Salt Mixed with Saturated MgCl ₂ Brine	Worawat Suwannabut (Suranaree University of Technology, Thailand)
OS05 - 11	Strengths of Rock Mass Models Under Confinements	Kiattisak Sripun (Suranaree University of Technology, Thailand)
OS05 - 12	Shear Strengths of Fractures in Saturated Sandstone	Pittawat Liapkrathok (Suranaree University of Technology, Thailand)
OS05 - 13	Effects of Cyclic Loading on Tensile Strength of Rock Salt	Thanapon Kaewpuang (Suranaree University of Technology, Thailand)
OS05 - 14	The Detection of Concrete Bridge Structure Movement Using Global Positioning System Static Technique - Overview on Traffic Flow	Masreta Mohd@Basri (University Technology of Malaysia, Malaysia)
OS05 - 15	Mechanical Properties of Compacted Bentonite-Aggregate Mixtures as Backfill in Salt and Potash Mine Openings	Laksikar Sitthimongkol (Suranaree University of Technology, Thailand)

VENUE : CLASS ROOM 306

Time : 10:30-12:00 AM

Session : IEEE-4

Code	Title	Authors and Co-authors
OS13 - 28	Droop Control Implementation in Solid State Transformer	Muhammad Syahir Bin Turiman (Shibaura Institute of Technology, Tokyo, Japan)
OS13 - 29	Design and Prototyping of Spherical Robot	Siwasilp Pornjumsilp (Suranaree University of Technology, Thailand)
OS13 - 30	The Investigation of Underwater Positioning System Using the MEMS Inertial Sensor	Yoshikazu Koike (Shibaura Institute of Technology; Faculty of Engineering, Japan)
OS13 - 31	Experimental Study of Effect of Muffled Air Duct Shape to Attenuate Noise on Automotive Cooling Fan	Rahmat Sriwijaya (Universitas Gadjah Mada, Indonesia)
OS13 - 32	Gradient Search Technique with Adjusting the Energy Values of Water Consumption for Optimizing the Power Generation in Hydro-Thermal Power System	Vquang Luu (HCMUT, Vietnam)
OS13 - 33	IoT Monitoring System for Early Detection of Agricultural Pests and Diseases	Materne Ntthemuka (Shibaura Institute of Technology, Japan)

VENUE : MEETING ROOM A

Time : 1:00 - 3:15 PM

Session : ICT-1 (Information Technology, Smart System and Automation-1)

Code	Title	Authors and Co-authors
OS03 - 05	Outdoor Predator Animal Feature Detection	Fahad Alharbi and Eiji Kamioka (Shibaura Institute of Technology, Japan)
OS03 - 06	A Pre-NIRS Study of White, Blue, and Green Background Colour Effects on Working Memory	Muhammad Nur Adilin Bin Mohd Anuardi and Atsuko K. Yamazaki (Shibaura Institute of Technology, Japan)
OS03 - 07	Fabrication of Mechanically Induced Long-Period Fiber Grating by Using 3D Printer	Masahiro Takagi (Shibaura Institute of Technology, Japan)
OS03 - 08	Brain ACTIVITY Monitoring System Using Biological Sensor Based on Internet of Thing (IoT) Approach	Kant Sunthad and Yoshihiro Niitsu (Shibaura Institute of Technology, Japan)
OS03 - 09	Spatial Relation Between Given Stimulus and Perceived Phosphene	Manami Kanamaru ((1) Graduate School of Engineering and Science/Shibaura Institute of Technology, Japan); Eiji Kamioka (Shibaura Institute of Technology, Japan)
OS03 - 10	Discrimination Method of Improper Transfer Data Between Sensors and a Gateway in IoT Networks Considering Data Integrity	Kouta Tezuka and Yoshihiro Niitsu (Shibaura Institute of Technology, Japan)

VENUE : MEETING ROOM A

Time : 1:00 - 3:15 PM

Session : ICT-1 (Information Technology, Smart System and Automation-1)

Code	Title	Authors and Co-authors
OS03 - 11	Potential Opportunities and Future Directions of Big Data in the Construction Industry	Zafira Nadia Maaz and Shamsulhadi Bandi (Universiti Teknologi Malaysia, Malaysia); Roslan Amirudin (University Teknologi Malaysia, Malaysia)
OS03 - 12	Toward a Smart Environment Monitoring System a Data-Centric Routing Based Approach in Ad-Hoc Wireless Sensor Networks	Lamine Salhi (Shibaura Institute of Technology, Japan)
OS03 - 13	System Dynamic Simulation of Salacpondoh's Business as Usual Condition in Sleman District, Yogyakarta Province, Indonesia	Mohammad Bimantio, Alva Tontowi and Anna Maria Asih (Gadjah Mada University, Indonesia)

VENUE : MEETING ROOM C

Time : 1:00 - 3:15 PM

Session : SEN (Sustainable Environment)

Code	Title	Authors and Co-authors
OS09 - 01	Identification of Algae Types Causing Algae Blooms in Waste Water Treatment Plant (WWTP) ITDC Bali	Devi Pratiwi, Intan Supraba and Arief Budiman (Universitas Gadjah Mada, Indonesia)
OS09 - 02	Kuwaru Coastal Line Changing Under Wave Attack	Thy Doan (Faculty of Engineering Universitas Gadjah Mada; Universitas Gadjah Mada Indonesia, Indonesia)
OS09 - 04	Waste Management Practice at Construction Site	Mohd Saidin Misnan (Universiti Teknologi Malaysia & Faculty of Built Environment, Malaysia); Sarajul Fikri Mohamed (Senior Lecturer, Malaysia); Zuhaili Bin Mohamad Ramly (Universiti Teknologi Malaysia, Malaysia); Norazam Othman (Senior Lecturer, Malaysia); Zakaria Mohd Yusof (Assoc Prof, Malaysia)
OS09 - 05	The Effect of Green Rooftop to Reduce Runoff (a Case Study at Selected Buildings in Surakarta City)	Purwanti Pudyastuti (Universitas Muhammadiyah Surakarta, Indonesia)
OS09 - 06	Cation Modification of Zeolite as Microbial Immobilization Media in Anaerobic Digestion Process of Palm Oil Mill Effluent (POME)	Firda Mahira Alfiata Chusna (Gadjah Mada University, Indonesia); Melly Mellyanawaty (Universitas Muhammadiyah Tasikmalaya, Indonesia); Rochim Bakti Cahyono and Wiratni Budhijanto (Universitas Gadjah Mada, Indonesia)
OS09 - 07	Temperature Influence for Solvent Extraction Treatment Process of Contaminated Soil from Kalimantan	Edwan Kardena (Institut Teknologi Bandung, Indonesia)

VENUE : CLASSROOM 406

Time : 1:00 - 3:15 PM
 Session : GES-1 (Green Energy System-1)

Code	Title	Authors and Co-authors
OS01 - 01	Simulation of Solar Powered Absorption Cooling System for Buildings in Senegal	Thiomby Tine (Shibaura Institute of Technology Tokyo, Japan)
OS01 - 02	The Acetic Acid Stress Response in Yeast <i>Saccharomyces Cerevisiae</i> During Alcoholic Fermentation	Pattanan Songdech (King Mongkut's University of Technology Thonburi, Thailand)
OS01 - 03	Challenge in Ethanol Stress Through Regulation of Glycogen Biosynthesis in the Yeast <i>Saccharomyces Cerevisiae</i>	Wiwan Samakkarn (King Mongkut's University of Technology Thonburi, Thailand)
OS01 - 04	Motion Detection of Underwater Observation System Using Stereo Vision	Masyhuri Husna Binti Mazlan (Shibaura Institute of Technology, Japan)
OS01 - 05	Hybrid PV-Biomass Free-Piston Stirling Engine Generator System	Mamadou Diouf (Shibaura Institute of Technology, Japan)
OS01 - 06	PI Control System for Unity Power Factor of Active Rectifier in Solid State Transformer	Fatin Ilyani Jefri (Shibaura Institute of Technology, Japan)
OS01 - 07	Design of Bidirectional DC-DC Converter for Uninterrupted Power Supply System	Albano Nhandamo (Shibaura Institute of Technology, Graduate School of Electrical Engineering, Japan)
OS01 - 08	Optimal Design of Hybrid Genset, Wind, PV System: Case Study North Sulawesi	Aji Pakha (Universitas Gadjah Mada, Indonesia); Sarjiya Sarjiya and Suharyanto Suharyanto (Gadjah Mada University, Indonesia); Rachmawan Budiarto (Universitas Gadjah Mada, Indonesia)
OS08 - 01	Improving Productivity of Palm Sugar Industry Through the Granulator Development Based on Ultraviolet Light	Qurrotun A'yuni Khoirun Nisa' (Diponegoro University, Indonesia)

VENUE : CLASSROOM 407

Time : 1:00 - 3:15 PM
 Session : ESG-3 (Earth Science and Geomatics-3)

Code	Title	Authors and Co-authors
OS05 - 16	Tectonostratigraphy of Banyumas Basin and Its Correlation to Petroleum Potential	Eko Bayu Purwasatriya (Universitas Jenderal Soedirman, Indonesia); Sugeng Surjono (Universitas Gadjah Mada, Indonesia); Hendra Amijaya (Gadjah Mada University, Indonesia); Hendaryono Mr and Salatun Said (UPN Veteran Yogyakarta, Indonesia)
OS05 - 17	Petroleum System of Matarombeo Basin, South-East Arm Sulawesi, Indonesia	Saptono Samodra and Sugeng Surjono (Universitas Gadjah Mada, Indonesia)
OS05 - 18	Potential Influence of Secondary Aerosols on Atmospheric Visibility in Eastern Thailand	Nishit Aman (KMUTT & JGSEE, Thailand); Kasemsan Manomaiphobon (King Mongkut's University of Technology Thonburi, Thailand)

VENUE : CLASSROOM 407

Time : 1:00 - 3:15 PM

Session : ESG-3 (Earth Science and Geomatics-3)

Code	Title	Authors and Co-authors
OS05 - 19	Shale Reservoir Characterization and Applying Hydraulic Fracturing to Shale Oil Well XX-3P	Dung Ta (Ho Chi Minh City University of Technology, Vietnam); Nhan Danh Ha (Ho Chi Minh City University of Technology - VNU-HCMC, Vietnam)
OS05 - 20	Application of Nanomaterials in Water Based Mud Towards Shale Swelling	Rafat Abdul-Razzaq, Abdul Razak Ismail and Mohd Zaidi Jaafar (Universiti Teknologi Malaysia, Malaysia)
OS05 - 21	Integrating Fracture Height Calculation into Hydraulic Fracturing Procedure by Unified Fracture Design Method	Khanh Nguyen (Bach Khoa University, Vietnam)
OS05 - 22	Estimating the Vertical Deformation of Java Island Using Ina-CORS Data	Sidik Wibowo, Yustisi Lumban-Gaol, Ayu Safi'i, Munawar Kholil, Oktadi Prayoga and Akhmad Basuki (Geospatial Information Agency, Indonesia)
OS05 - 23	Application of Henna Leaves and Boric Acid to Improve the Rheological Properties of Drilling Fluid	Majed Mohamed and Abdul Razak Ismail (Universiti Teknologi Malaysia, Malaysia)
OS05 - 24	Estimation of Forest Volume from Lidar Derived DEM by Using Simple Morphology Filtering Method (Study Area: Northern Lombok, Indonesia)	Ayu Safi'i and Prayudha Hartanto (Geospatial Information Agency, Indonesia)

VENUE : CLASSROOM 306

Time : 1:00 - 3:15 PM

Session : IEEE-5

Code	Title	Authors and Co-authors
OS13 - 34	Long Term Projection of Electricity Generation Sector in East Kalimantan Province: LEAP Model Application	Muhammad Rizki Kresnawan, Icmi Alif Safitri and Indra Darmawan (Universitas Gadjah Mada, Indonesia)
OS13 - 37	Natural Frequency and Mode Shape of Rectangle Delamination: Experiment and Simulation	Rahmat Sriwijaya (Universitas Gadjah Mada, Indonesia)
OS13 - 38	Evaluating Weight Priority on Green Building Using Fuzzy AHP	Robastian Galvani (Universitas Gadjah Mada, Indonesia); Nazrul Effendy and Arif Kusumawanto (Gadjah Mada University, Indonesia)
OS13 - 39	Evaluation on a Digitized Cad Model of 3D Scanner Used in Reverse Engineering	Tri Widodo Besar Riyadi (Universitas Muhammadiyah Surakarta, Indonesia)

VENUE : MEETING ROOM A

Time : 3:30-5:00 PM

Session : ICT-2 (Information Technology, Smart System and Automation-2)

Code	Title	Authors and Co-authors
OS03 - 14	Measuring User Experience on Metacognitive Training System to Support Self-Regulated Learning in Algorithm and Data Structure Course	Mukhamad Gumilang and Silmi Fauziati (Universitas Gadjah Mada, Indonesia); Rudy Hartanto (Gadjah Mada University; Electrical Engineering and Information Technology Departmen, Faculty of Engineering Gadjah Mada University, Indonesia); Indriana Hidayah (Universitas Gadjah Mada, Indonesia)
OS03 - 15	Decomposed Process Model with Linear Temporal Logic	Afina Nurlaili, Riyanarto Sarno, Prasetyo Nugrohadi, Adhatus Solichah Ahmadiyah and Muhammad Nezar Mahardika (Institut Teknologi Sepuluh Nopember, Indonesia)
OS03 - 16	An Authentication Scheme to Preserve User's Privacy in Intelligent Transportation Systems	Tai Tran (HCMC University of Technology (HCMUT), Vietnam); Anh Truong (Ho Chi Minh City University of Technology, Vietnam); Quang Trinh, Cuong Hoang and Cuong Kieu (Co-author, Vietnam); Tri Dang (Ho Chi Minh City University of Technology, Vietnam)
OS03 - 17	Quantized Speech Quality Recovery Based on Generative Adversarial Learning	Taku Yamazaki (Shibaura Institute of Technology, Japan)
OS03 - 18	Wireless Fingerprinting Technique for Outdoor Access Point Distance Estimation System	Sutiyo Sutiyo (Universitas Gadjah Mada Yogyakarta; Universitas Widya Dharma Klaten, Indonesia); Risanuri Hidayat (UGM, Indonesia); I Wayan Mustika and Sunarno Sunarno (Universitas Gadjah Mada, Indonesia)

VENUE : MEETING ROOM C

Time : 3:30-5:00 PM

Session : HRM - EED (Hazard Risk and Management - Engineering Education)

Code	Title	Authors and Co-authors
OS04 - 01	Geohazard: Landslide Susceptibility Using Mapping and Scoring in Donorejo, Banjarnegara, Province of Central Java, Indonesia	Priska Rio Saputro (Universitas Pembangunan Nasional Veteran Yogyakarta, Indonesia); Harman Dwi Rachmadhan (Universitas Gadjah Mada, Indonesia); Alwin Mugiyantoro (Universitas Pembangunan Nasional Veteran Yogyakarta, Indonesia)
OS04 - 02	Safety Activities Issues in Small Grade Contractors	Noorhayatie Yusof (Universiti Teknologi Malaysia, Malaysia); Mohd Saidin Misnan (Universiti Teknologi Malaysia & Faculty of Built Environment, Malaysia); Siti Ab Hamid (Universiti Teknologi Malavsia. Malavsia)
OS04 - 03	Geomechanical Analysis on Slopes Using Rock Mass Rating (RMR)	Riyan Subekti (Universitas Islam Riau, Indonesia)
OS12 - 01	Modeling and Visualization of Transformer Differential Relay Using LabVIEW for Module-Based Learning	Lodu Moses Gabriel, Tombe (Shibaura Institute of Technology, Japan)

VENUE : MEETING ROOM C

Time : 3:30-5:00 PM

Session : HRM - EED (Hazard Risk and Management - Engineering Education)

Code	Title	Authors and Co-authors
OS12 - 02	Synthesis and Characterization of Superconducting Bulk Magnesium Diboride	Sai Srikanth Arvapalli (Shibaura Institute of Technology, Japan)
OS12 - 03	Reservoir Simulation Study on Foam Encroachment Front	Amni Haslinda Alpandi and Mohd Zaidi Jaafar (Universiti Teknologi Malaysia, Malaysia)

VENUE : CLASSROOM 406

Time : 3:30-5:00 PM

Session : SUR-2 (Sustainable Urban and Regional Planning & Development - 2)

Code	Title	Authors and Co-authors
OS10 - 07	A Study on Changes in the Appearances of Bank Buildings and Banking Operations from 1930 to 1981 in Japan. (Mitsubishi and Sumitomo Bank.)	Hiroshi Nakamura and Michihiko Shinozaki (Shibaura Institute of Technology, Japan)
OS10 - 08	Influence of Climatic Socioeconomic Factors on Electricity Consumption in Residential Sector for Khon Kaen Province in Thailand	Tawika Suwanphitak and Kasemsan Manomaiphobon (King Mongkut's University of Technology Thonburi, Thailand); Nishit Aman (KMUTT & JGSEE, Thailand)
OS10 - 09	A Review of Universal Design and Accessibility Legislation in Implementation Strategy Among Asian Countries	Nur Amirah Abd Samad (Universiti Teknologi Malaysia; Universiti Kebangsaan Malaysia, Malaysia)
OS10 - 10	Assessing Public Transportation Indicators Towards Competitiveness City: The Case Study of Johor Bahru	Mohd Ezry Muhammad Rizal Tan (Universiti Teknologi Malaysia, Malaysia)
OS10 - 11	Perceived Food Environment Behavioural Outcomes: A Systematic Review	M. Rafee Majid and Noor Hashimah Hashim Lim (Universiti Teknologi Malaysia, Malaysia)
OS10 - 12	Development of Physical Elements in D.I. Panjaitan and K.H. Ali Maksum Streets Space as A Part of Philosophical Axis in Yogyakarta	Fuad Ashad Langguta (Universitas Gadjah Mada, Indonesia)

VENUE : CLASSROOM 407

Time : 3:30-5:00 PM

Session : ESG-4 (Earth Science and Geomatics-4)

Code	Title	Authors and Co-authors
OS05 - 25	Influence of Hematite in Sandstone Reservoir	Sarju Winardi and Sugeng Surjono (Universitas Gadjah Mada, Indonesia)
OS05 - 26	Applying Geomechanical Model Integrated with Tensile Failure Criterion to Predict the Onset of Sanding in Gas Wells	Do Quang Khanh (HoChiMinh University of Technology (HCMUT), Vietnam); Nguyen Quoc Khanh and Kieu Phuc (HoChiMinh City University of Technology (HCMUT), Vietnam); Bui Tu An (PetroVietnam University (PVU), Vietnam)
OS05 - 27	Analysis of Risks in Estimating the Top of Basement from Mud Logging Data of the TI Field, Cuu Long Basin, Offshore Vietnam	Phan Vinh Toan (HoChiMinh City University of Technology (HCMUT),); Nguyen Tuan and Hoang Trong Quang (HoChiMinh City University of Technology (HCMUT), Vietnam); Do Quang Khanh (HoChiMinh University of Technology (HCMUT), Vietnam)
OS05 - 28	Source of Groundwater Salinity in Wates Sub-district, Kulon Progo, Yogyakarta Special Province, Indonesia	Phyu Phyu Thin (Gadjah Mada University, Indonesia)
OS05 - 29	Co2 Isotherms Measured on Tanjung Enim (Indonesia) & Fushun, Lioning Mine (China) Coal Samples	Afikah Rahim (Universitas Gadjah Mada, Indonesia)
OS05 - 30	Prediction of Oilfield Mineral Scales Deposition for Well X-1	Bao Tram Bui Nguyen and Lan Mai-Cao (Ho Chi Minh City University of Technology, Vietnam)

VENUE : CLASSROOM 306

Time : 3:30-5:00 PM

Session : GST (Green and Smart Transportation System)

Code	Title	Authors and Co-authors
OS06 - 05	Information System for Driving Safety Assistance by Analyzing Driver Behavior Using CAN	Kenichi Sato and Ito Toshio (Shibaura Institute of Technology, Japan)
OS06 - 06	The Effect of Unconscious Learning to Driver Attention	Shuji Sudo and Ito Toshio (Shibaura Institute of Technology, Japan)
OS06 - 07	Estimation of Driver Drowsiness Change in Automated Driving Using Heart Beat Analysis	Naoki Hashimoto and Ito Toshio (Shibaura Institute of Technology, Japan)
OS06 - 08	The Effect Evaluation Method of Changing Wheel Loads for Vehicle Dynamic Performance	Mizuki Yamamoto (Shibaura Institute of Technology; Systems Engineering and Science, Japan); Ito Toshio (Shibaura Institute of Technology, Japan)
OS06 - 09	Study on Effect of Artificial Image Noise to the Accuracy of Convolutional Neural Network	Mohd Hafiz Hilman Mohammad Sofian and Ito Toshio (Shibaura Institute of Technology, Japan)