Time Table of ICTSS2018 (Tentative)

[Update 13 April 2018]

Day 1(18 April 2018, Wednesday)

Time	Room A	Room B	Room C	Room D
9:30 – 10:00	**Registration @Entrance Hall (4th floor) & Coffee break @Room C**			
10:00 – 12:00	**Opening Ceremony (with group photo) & Keynote [Abstract Presentation] @Room A**			
12:00 – 13:00	**Lunch @Room C**			
	Parallel Sessions: Day1-A1			
13:00 – 15:00 (120 min)	Day1-A1-A: (IPS-3A) Analog/Power Supply Circuits and Their Related Technology Chair: Prof. Kobayashi	Day1-A1-B: (IPS-9) Resent Advances in Motion Control and Power Electronics Chair: Prof. Hashimoto	Day1-A1-C: Social Science Chair: Not assigned yet	Day1-A2-D: (IPS-5/6) Numerical Simulation, Theoretical Analysis and ... Chair: Prof. Yamaguchi
	KL-08 [Yin]	KL-7 [Hashimoto]	KL-11 [Magdaraog]	KL-04 [Yamaguchi]
	I03-02 [Matsuda]	I09-02 [Xu]	GS-09 [Wongadisai]	KL-12 [Maruyama]
	I03-03 [iijima]	I09-03 [Fujimura]	GS-31 [Fauziah]	
	I03-07 [Kushita]	I09-04 [Minoda]	GS-40 [Aviyana]	I05/06-01 [Kurosawa]
	I03-09 [Xiong]	I09-05 [Takanashi]	GS-46 [Siregar]	I05/06-02 [Sasajima]
	I03-06 [Sun]			I05/06-03 [Kurosawa]
15:00 – 15:30	**Coffee break & Poster session @Room C** POSTER-01 [Taufikurrahmi], POSTER-02 [Veronika]			
	Parallel Sessions: Day1-A2			
15:30 – 17:30 (120 min)	Day1-A2-A: (IPS-3B) Analog/Power Supply Circuits and Their Related Technology Chair: Prof. Kobayashi	Day1-A2-B:	Day1-A2-C: (IPS-10) Techniques and applications of electromagnetic and optical engineering Chair: Prof. Haga	Day1-A2-D:
	I03-01 [Kobori]		KL-09 [Haga]	
	I03-04 [Kuwana]			
	I03-08 [Shibasaki]		I10-02 [Horikawa]	
	I03-05 [Oiwa]		I10-03 [Matsui]	
	KL-01 [Kobayashi]		I10-04 [Okajima]	
		Closed.	I10-05 [Sunaga]	
18:00 – 19:30	**Welcome reception @Room A**			
20:00 – 24:00	**Night Party at Bars with Karaoke (Enjoy bar-hopping!)**			

Day 2(19 April 2018, Thursday)				
Time	Room A	Room B	Room C	Room D
9:00 – 10:00	Registration & Coffee break @Room C			
10:00 – 12:00 (120 min)	Parallel Sessions: Day2-M			
	Day2-M-A: (IPS-1) Social Safety and Privacy Protection & IPS-8: Systems and Institutions for Safety Utilization of Data Chair: Prof. Fujii	Day2-M-B: Technology A (Electrical, Mechanical and Information Engineering) Chair: Not assigned yet.	Day2-M –C: Education Chair: Not assigned yet	Day2-M-D:
	KL-02 [Fujii]	KL-06 [Tan]	GS-22 [Muharramah]	
			GS-24 [Suprapto]	
	KL-10 [Takaki]	I02-01 [Shiomi]	GS-32 [Saputri]	
		GS-06 [Bunterngchit]	GS-39 [Prima]	
	I08-01 [Iwai]	GS-13 [Nagata]	GS-47 [Junpho]	
		GS-14 [Hoshikawa]		
		GS-15 [Yano]		
		GS-29 [Ono]		
12:00 – 13:00	Lunch @Room C			
13:00 – 15:00 (120 min)	Parallel Sessions: Day2-A1			
	Day2-A1-A: (IPS-4) Human sensing and human interface Chair: Prof. Nakazawa	Day2-A1-B: (IPS-7) Numerical Simulation, Theoretical Analysis and … Chair: Prof. Aoki	Day2-A1-C: Technology B (Chemical and Medical Engineering) Chair: Not assigned yet	Day2-A1-D:
	KL-03 [Yuminaka]	KL-05 [Aoki]	GS-07 [Thipnate]	
			GS-08 [Sukhonthara]	
	KL-13 [Nakazawa]	I07-02 [Kuwana]	GS-28 [Setiawan]	
		I07-03 [Kira]	GS-37 [Rimbawan]	
	I04-01 [Wang]	I07-04 [Ujihara]		
	I04-02 [Chi]	I07-05 [Imachi]		
15:00 – 15:30	Coffee break @Room C			
15:30 – 16:30 (60 min)	Parallel Sessions: Day2-A2			
	Day2-A2-A:	Day2-A2-B: (IPS-2) Precision Measurement and Instruments Chair: Prof. Takita	Day2-A2-C:	Day2-A2-D:
		I02-02 [Prayogi]		
		GS-41 [Delina]		
16:30 – 17:30	Closing ceremony (with Award Giving & Group Photo) @ Room B			
18:00 – 20:00	Banquet @"Takeno" (A Japanese Traditional Pub-Restaurant)			
20:00 – 24:00	Night Party @Bars with Karaoke (Enjoy bar-hopping!)			

See "Program" subpage of ICMEMIS2018 website.

Note :

- KL-* : Keynote Lecture
- IPS*-* : Invited Paper Session ID & Group Submission Paper ID
- GS-* : General Session ID

Guide for Presentation
[Keynote Lectures]
Abstract lecture: 5 minutes at the Opening Ceremony on 18 April 2018
Full body lecture: 30 minutes (including 5-10 minutes discussions) at parallel sessions
(Each keynote lecturer can choose 15 minutes regular presentation instead of 30 minutes full-body presentation.)

[Oral Presentation]
15 mins. (including 3 minutes discussions)

[Poster Presentations]
Each author will be provided a board (0.9 m in width by 1.8m in height) to display the poster.

Session Lists:
1. Keynote Lectures

KL-01: Analog / Mixed-Signal IC Design and Testing Based on Mathematics
Haruo Kobayashi

KL-02: Will every street be watched by camera network in the near future
Yusaku Fujii

KL-03: Rehabilitation Assistance Systems Using Motion Capture Devices and Virtual Reality Feedback
Yasushi Yuminaka, Motoaki Fujii, Atsushi Manabe, Setsuki Tsukagoshi, Yoshio Ikeda, Makoto Hasegawa and Naoki Wada

KL-04: Numerical Simulation to Obtain Dynamic Responses for Complicated Systems Involving Hard/Soft Structures and Living Bodies with Reaction
Takao Yamaguchi

KL-05: Review of Augmented and Virtual Reality for Middle School Science Education
Yuki Aoki

KL-06: Support Systems for Impaired People Based on MY VISION
Joo Kooi Tan

KL-07: An Overview of Self-Powered Energy Harvester based on Vibration
Seiji Hashimoto

KL-08: Properties of N-doped Sb2Te3 Film and Its Application to Artificial Intelligence Synaptic Device
You Yin, Ryoya Satoh and Keita Sawao

KL-09: Impedance Expansion Method —A Circuit Modeling Technique for Electrically-Very-Small Wireless Systems—
Nozomi Haga

KL-10: Towards Privacy Preservation in Data Utilization Based on Patient Information Severity
Osamu Takaki

KL-11: Warning Signs In The Workplace: An Analysis Of Risk Factors On Employee Fraud
Gualberto A. Magdaraog Jr.

KL-12: Analysis on vibrations of thin-walled elastic structural elements - Some recent topics
Shinichi Maruyama

KL-13: Development of hands-free interface based on feature value of eye for operation of communication aid
Nobuaki Nakazawa, Yuki Haruyama, Feng Wang, Yuuki Tanaka, Yusaku Fujii, Takao Yamaguchi and Toshikazu Matsui

2. Invited Papers Sessions

IPS-1: Social Safety and Privacy Protection
Organizer: Prof. Yusaku Fujii, Gunma University (Japan)

KL-02: Will every street be watched by camera network in the near future
Yusaku Fujii

IPS-2: Precision Measurement and Instruments
Organizer: Assist. Prof. Akihiro Takita and Assist. Prof. Sachie Shiomi, Gunma University (Japan)

I02-01: Measurement of the centres of mass of test masses for free-fall interferometry
Sachie Shiomi

I02-02: Frequency estimation method in Laser Doppler Interferometer using a Digitizer by sine fitting
Irfa Aji Prayogi, Akihiro Takita, Mitra Djamal and Yusaku Fujii

GS-41: Event-Based Simulation Mach-Zehnder Interferometer with Dynamic Absorber to Study the Wave-Particle Duality
Mutia Delina

IPS-3: Analog/Power Supply Circuits and Their Related Technology
Organizer: Prof. Haruo Kobayashi, Gunma University (Japan)

KL-08: Properties of N-doped Sb2Te3 Film and Its Application to Artificial Intelligence Synaptic Device

You Yin, Ryoya Satoh and Keita Sawao

KL-01: Analog / Mixed-Signal IC Design and Testing Based on Mathematics

Haruo Kobayashi

I03-01: Output Voltage Ripple Correction with Spread Spectrum Using Frequency Modulation for Switching Converters

Yasunori Kobori, Natsuko Miki,Yifei Sun, Nobukazu Tsukiji and Haruo Kobayashi

I03-02: Low Switching Loss and Scalable 20-40 V LDMOS Transistors with Low Specific On-Resistance

Jun-ichi Matsuda, Jun-ya Kojima , Nobukazu Tsukiji, Masataka Kamiyama and Haruo Kobayashi

I03-03: Optimization of waveform shaping for multi-valued signaling by using variation evaluation of received signals

Yosuke IIJIMA, Keigo Taya and Yasushi YUMINAKA

I03-04: Numerical Simulation and Its Possibility of Application to Green Environment

Anna Kuwana and Tetuya Kawamura

I03-05: A Study on EMI Noise Reduction in Boost-Type PFC Circuit

Noriyuki Oiwa , Shotaro Sakurai, Nobukazu Tsukiji, Yasunori Kobori, Haruo Kobayashi

I03-06: Pulse Coding Controlled Switching Converter with Generating Automatic Frequency Tracking Notch Characteristics for Radio Receiver

Yifei Sun, Yi Xiong, Yasunori Kobori and Haruo Kobayashi

I03-07: Linearity Improvement Algorithms of Multi-bit ΔΣ DA Converter – Combination of Unit Cell Re-ordering and DWA

Nene Kushita , Jun-ya Kojima, Masahiro Murakami and Haruo Kobayashi

I03-08: Comparison of Multi-tone Signal Generation Algorithms
Yukiko Shibasaki, Koji Asami, Anna Kuwana , Du Yuanyang , Akemi Hatta, Kazuyoshi Kubo and Haruo Kobayashi

I03-09: Multi-Phase Clock-less Switching Converter with EMI Noise Reduction
Yi Xiong, Koyo Asaishi, Natsuko Miki, Yifei Sun, Nobukazu Tsukiji, Yasunori Kobori and Haruo Kobayashi

IPS-4: Human sensing and human interface
Organizer: Assoc. Prof. Nobuaki Nakazawa, Gunma University (Japan)

KL-03: Rehabilitation Assistance Systems Using Motion Capture Devices and Virtual Reality Feedback
Yasushi Yuminaka, Motoaki Fujii, Atsushi Manabe, Setsuki Tsukagoshi, Yoshio Ikeda, Makoto Hasegawa and Naoki Wada

KL-13: Development of hands-free interface based on feature value of eye for operation of communication aid
Nobuaki Nakazawa, Yuki Haruyama, Feng Wang, Yuuki Tanaka, Yusaku Fujii, Takao Yamaguchi and Toshikazu Matsui

I04-01: Development of a Thermal Sensor Imitating Human Tactile Temperature Sensation
Feng Wang, Yuri Chiba and Nobuaki Nakazawa

I04-02: Development of Legged Robot Having a Double Joint Mechanism
Iwanori Murakami and Raymond Chi

IPS-5/6: Numerical Simulation, Theoretical Analysis and Experiment for Complicated Dynamic Phenomena
Organizer: Prof. Takao Yamaguchi, Gunma University (Japan)

KL-04: Numerical Simulation to Obtain Dynamic Responses for Complicated Systems Involving Hard/Soft Structures and Living Bodies with Reaction
Takao Yamaguchi

KL-12: Analysis on vibrations of thin-walled elastic structural elements - Some recent topics
Shinichi Maruyama

I05/06-01: Development of Vibration Isolation Globes for High Workability
Yoshio Kurosawa, Kazuyuki Nagashima, Tatsuyuki Edano and Takeshi Ochiai

I05/06-02: Acoustic Finite Element Analysis Considering Air Viscosity in Narrow Rectangular-Cross Section
Manabu Sasajima, Takao Yamaguchi, Yue Hu and Mitsuharu Watanabe

I05/06-03: Vibration Analysis for the Violin with or without Bass-bar
Yoshio Kurosawa

IPS-7: Numerical Simulation, Theoretical Analysis and Experiment for Complicated Dynamic Phenomena
Organizer: Prof. Yuki Aoki, Gunma University (Japan)

KL-05: Review of Augmented and Virtual Reality for Middle School Science Education
Yuki Aoki

I07-02: Programming Education - Automatic Scoring, Algorithm Education, Support for Self-education
Anna Kuwana, Kenji Yamaguchi, Katsuhisa Kagami and Noriko Asamoto

I07-03: A development of an application for learning English words with using the method of chain reaction of cues
Hajime Kira, Yuta Urabe, Saki Inamoto, Takumi Kaneko and Koichi Yamazaki

I07-04: The Development of a VR Teaching Aid for Use by Middle School Students Studying the Diurnal Motion of Stars
Shingo Ujihara and Yuki Aoki

I07-05: Development of AR Teaching Material by Tablet for Beginning Students of Sound Wave Propagation and Detection
Yuki Aoki and Sho Imachi

IPS-8: Systems and Institutions for Safety Utilization of Data
Organizer: Assoc. Prof. Osamu Takaki, Gunma University (Japan)

KL-10: Towards Privacy Preservation in Data Utilization Based on Patient Information Severity
Osamu Takaki

I08-01: Optimization of Attributes Elimination Order in a Privacy-Enhanced Survey System
Atsushi Iwai

IPS-9: Resent Advances in Motion Control and Power Electronics
Organizer: Prof. Seiji Hashimoto, Gunma University (Japan)

KL-07: An Overview of Self-Powered Energy Harvester based on Vibration
Seiji Hashimoto

I09-02: Experimental Verification of Slow Mode Based Control Method with Decoupling Compensation for MIMO System

S. Xu, S. Hashimoto, T. Kihara, K. Izaki and R. Ikeda

I09-03: A Design Method of Sliding Mode Controller for EPS System Combined With Vehicle Motion
Yu Fujimura, Yuta Matsumoto and Seiji Hashimoto

I09-04: Switching Control and Strain Suppression Using Ball Screw Drive Devices
Kotaro Minoda, Shinji Wakui, Daigo Hotta and Hiroshi Morita

I09-05: Analysis of Near-miss Incidents between Car and Bicycle at Non-Intersection
Hiroyuki Takanashi and Isamu Murao

IPS-10: Techniques and applications of electromagnetic and optical engineering
Organizer: Assist. Prof. Nozomi Haga, Gunma University (Japan)

KL-09: Impedance Expansion Method —A Circuit Modeling Technique for Electrically-Very-Small Wireless Systems—
Nozomi Haga

I10-02: Disturbance on Device Under Test by Dielectric Material Used in Electro-Optic Sensor
Takumi Horikawa, Tomoya Naoe, Masahiro Yada, Mitsuru Shinagawa, Jun Katsuyama, Hiroaki Tanaka, Yoshinori Matsumoto and Yoshiaki Tanaka

I10-03: Radiated Noise Cancelling by Capacitance Around Floor Electrode in Intra-Body Communication
Yoshiki Matsui, Yutaro Toyoshima, Ryota Kato, Yuki Sato and Mitsuru Shinagawa

I10-04: Waveform Generation with Side-Band Noise by Fourier Transform and Amplitude Modulation
Mei Okajima, Hiroshi Sunaga, Takafumi Ogawa and Mitsuru Shinagawa

I10-05: Noise Analysis of Interference Waveform with Real Envelope for Swept Source Optical Coherence Tomography
Hiroshi Sunaga, Takafumi Ogawa, Mitsuru Shinagawa, Masahiro Ueno, Seiji Toyoda, Mingchen Chen and Tadashi Sakamoto

3. General Sessions
Technology A: Electrical, Mechanical and Information Engineering

KL-06: Support Systems for Impaired People Based on MY VISION
Joo Kooi Tan

GS-06: The Application of CRAFT Algorithm for Increasing Material Flow Efficiency: A Case Study of Wooden Door Panels Manufacturing Factory
Chayut Bunterngchit

GS-10: Thin Film Flow on an Inclined Channel
Leo Hari Wiryanto

GS-13: The study of the human assist manipulator based on position control
Yuji Mitomo, Hiroki Nagata, Kazuki Kimoto, Susumu Kogure, Yoshinori Ando and Yosuke Yoshida

GS-14: Motor control algorithm with advantages of PID method and LMS method
Tatsuya Hoshikawa, Toru Takeda and Hiroki Matsumoto

GS-15: Study on Energy Recovery Ventilator with Water Spray Cooling System
Ayako Yano, Takuya Nakasaka, Kenji Amagai, Masahisa Uenishi and Takashi Matsuzaki

GS-29: Investigation of generalization ability by applying 2-Step Learning for Glomerular Epithelial cell images

Yusuke Ono, Tsutomu Matsuura, Toshiyuki Matsuzaki, Keiju Hiromura and Takeo Aoki

Technology B: Chemical and Medical Engineering

GS-07: Comparative molecular field analysis for inhibitory activities of lamellrins against tyrosine kinase
Poonsiri Thipnate and Patchareenart Saparpakorn

GS-08: Development of Healthy Toddy Palm Cake by Using Germinated Riceberry Flour and Nonsugar Sweetener
Sukhontha Sukhonthara and Poonsiri Thipnate

GS-28: Formulation of Self Nano-Emulsifying Drug Delivery System (SNEDDS) Loaded Red Fruit Oil (Pandanus conoideus Lamk.) using Biodegradable Nutraceutical Surfactant
Satria Dwi Setiawan, Cempaka Chintya Ramadhani, Agustha Veronika, Bambang Hernawan Nugroho and Yandi Syukri

GS-37: Isolation Endophytic Fungi from Ficus carica L. as Antibiotic Producer against Staphylococcus aureus
Ferry Rimbawan, Pinus Jumaryatno and Annisa Fitria

Social Science

KL-11: Warning Signs In The Workplace: An Analysis Of Risk Factors On Employee Fraud
Gualberto A. Magdaraog Jr.

GS-09: Participation of Members in Community Enterprise Management in the Northeast of Thailand
Worasit Wongadisai and Sumalee Chanchalor

GS-31: Cosplay Phenomenon as a Popular Culture Among Teenagers in Jakarta, Indonesia

Vera Sophia Fauziah and Yuanita Aprilandini

GS-40: The Potential of Local Wisdom-Based Ecotourism for Conservation in East Lombok

Vita Dini Aviyana and Nadiroh

GS-46: The Role of Sasak tribe Women in Increasing Family Income Through Handicraft Weaving Skill in Ende Village, Central Lombok

Septi Mulyanti Siregar and Nadiroh

Education

GS-22: The Effect Of Discovery Learning Approach Using Online Newspaper and Learning Motivation On The Physics Learning Outcomes

Nur Devia Muharramah and Agus Setyo Budi

GS-24: The Analysis of Scientific Approach on Student Physics Learning Outcomes Nutraceutical Surfactant

Karlina Arti Suprapto and Agus Setyo Budi

GS-32: The Feasibility of Cell-Metabolism Module Using Stim-HOTs Model: A Quality Analysis Based on the Experts' Validation in Developing Biology Learning Module

Arnita Cahya Saputri, Sajidan, Yudi Rinanto and Nanik Murti Prasetyanti

GS-39: Correlation of Vital Capacity to Fitness Level: Related to Health of Juvenile Soccer Athletes

Asep Prima, Yasep Setiakarnawijaya and Fitri Fajar

GS-47: A study of systems thinking process: a review of the literature

Meechai Junpho and Wacheerapan Kaewprapan Rosenkranz

4. Poster Session

POSTER-01: Adsorption Study of Clinical Bacteria onto Clay : Application of Clay in Islamic Cleansing
Taufikurrahmi, Annisa Fitria and Siti Zahliyatul Munawiroh

POSTER-02: Red Fruit Oil (Pandanus conoideus Lam.) Nanoparticle Formulation using Solvent Evaporation and Nanoprecipitation Methods
Agustha Veronika, Cempaka Chintya Ramadhani, Satria Dwi Setiawan, Bambang Hernawan Nugroho and Yandi Syukri