Day 1　November 12, 2019 (Tuesday)	
Engineering Research Building II, Nishi-Chiba Campus	
9:00 ～ 17:00	Registration
Schedule	
9:00 ～　9:25	Opening Ceremony (Group Photo Shooting included)
9:30 ～ 10:00	Keynote Speech　(Chair: Prof. Wenwei Yu)
	Assist System for Master-Slave System Based on Operator's Motion Prediction Prof. Akio Namiki, Chiba University, Japan
Oral Session 1 (Session Chair: Prof. Kazuya Kawamura)	
10:00 ～ 10:15	Design and analysis of a modular soft-rigid pneumatic lower limb exoskeleton Prof. Yanqiong Fei, Shanghai Jiao Tong University, China
10:15 ～ 10:30	Analysis of Advanced Cooperative-based Platooning CACC Self-Driving with 5G uRLLC Network Slicing Prof. Ben-Jye Chang, National Yunlin University of Science and Technology, Taiwan
10:30 ～ 10:45	Secure Traffic Control for SD-WAN infrastructure Prof. Lih-Chyau Wuu, National Yunlin University of Science and Technology, Taiwan
10:45 ～ 11:00	A Mobility Assessment Scheme for Elders Living in Communities Prof. Wen-Fong Wang, National Yunlin University of Science & Technology, Taiwan
11:00 ～ 11:10	Coffee Break
11:10 ～ 12:30	Poster Session 1 (P1-P20) (Session Chair: Prof. Kenji Yoshida)
P1	Pilot Study: Breathing Motion Measurement Experiment by Time-of-Flight Camera Yuya Sasaki, Chiba University, Japan
P2	Design and Implementation of Wearable Interactive Education System Cheng Yu-Lin, Chang Gung University, Taiwan
P3	Developing operation system of wearable upper arm support device using mechanical quantity sensors Ryota Yamada, Chiba University, Japan
P4	A New System to Measure Jaw Opening Force and Speed Gaun-Jie Huang, Chang Gung University, Taiwan
P5	The estimation of the force that a walker for crutch walking exercise affects to the hemiplegic patients Toshiharu Yoshimura, Chiba University, Japan
P6	Chinese Text-to-Speech System Tsai-Chen Chou, Chang Gung University, Taiwan

P7	Analysis of EEG and Eye-Tracker for Object's Shape Recognition Thibaut Morant, UPSSITECH engineering school, France
P8	Chinese Speech Emotion Recognition with Deep Learning Ko-Chun Hung, Chang Gung University, Taiwan
P9	A Control Model for Pneumatic-Artificial-Muscle Based Trans-humeral Prostheses Zhongchao Zhou, Chiba University, Japan
P10	Effects of Kinesio Taping in adults with patellofemoral pain syndrome during up-down stairs Guan-Zhen Chen, Chang Gung University, Taiwan
P11	A study on soft actuators for thumb abduction-adduction Yuanyuan Wang, Chiba University, Japan
P12	Real-time Heart Rate Monitoring for Multi-Users from Facial RGB Color Video Using Camera and Deep Learning Ming-Feng Wu, Chang Gung University, Taiwan
P13	A study on measurement conditions for accurate heart rate detection by millimeter wave sensors in home environment Shumpei Nakamura, Chiba University, Japan
P14	Estimation of urinary intention of people with dementia using their unconscious gestures Harumi Inoue, Chiba University, Japan
P15	Corticomuscular Coherence during Postural Control in the Presence of Cognitive Load and Perturbation Ilker Sonmezisik, Chiba University, Japan
P16	Bone-conducted ultrasound presented to the neck, trunk and arm - Self-demodulation characteristics in the human body - Koichiro Doi, Chiba University, Japan
P17	Comparison of Cartilage-conduction and Conventional Bone-conduction Hearings on Temporal and Frequency Resolutions Gaik Sean Yap, Chiba University, Japan
P18	Propagation characteristics of distantly-presented bone-conducted sounds - Comparison between ultrasonic and low-frequency ranges- Riki Ogino, Chiba University, Japan
P19	Effect of Temporal Regularity of Preceding Sound Sequences on Medial Olivocochlear Reflex Yuki Ishizaka, Chiba University, Japan
P20	Correlation of medial olivocochlear reflex and electroencephalographic activity during sleep Yuto Suzuki, Chiba University, Japan

12:30 ～ 13:30	Lunch Time
13:30 ～ 14:50	Poster Session 2 (P22-P39) (Session Chair: Prof. Sho Otsuka)
P22	Stage Identification Using Electromagnetic Waves for Noncontact Pressure Ulcers Detection System Miki Kosaka, Chiba University, Japan
P23	Intelligent Image Analysis System of Cells and Particles in Fluorescence Microscope Image Chia-Hsiang Wen, Chang Gung University, Taiwan
P24	Localization of capsule endoscope using high-definition numerical human body model Rintaro Sasaki, Chiba University, Japan
P25	3D Reconstruction of Drosophila Brain Image Based on OpenGL Yueh Jung Chung, Chang Gung University, Taiwan
P26	Antenna with Magnetic Material for Wireless Capsule Endoscopic Communication Yutaro Yokoyama, Chiba University, Japan
P27	A Secret Image Sharing Scheme Based on GEMD Wen Chung Kuo, National Yunlin University of Science & Technology, Taiwan
P28	High precision temperature analysis in microwave heating Akishige Konno, Chiba University, Japan
P29	The U-Net Convolutional Network For Automated Edema Segmentation in Patients With Intracerebral Hemorrhage Ching Yi Wu, Chung Gung University, Taiwan
P30	Comparison Study of Transcatheter Renal Denervation Using Radio Frequency Current and Microwave Energy Aditya Rakhmadi,Chiba University, Japan
P31	Automated Segmentation of Spackle Pattern from Ultrasound Liver Images Using The U Net Convolutional Networks Jia An Chen, Chang Gung University, Taiwan
P32	Backscattering coefficient analysis considering micro structure of liver tissue Atsuko Yamada, Chiba University, Japan
P33	The Impact of Feature Extraction in Classification of Motor Imagery Based on EEG Chun Yu Wu, Chang Gung University, Taiwan

P34	Verification of instability factors of shear wave velocity estimation by FDTD Daiki Ito, Chiba University, Japan
P35	Real time Head Motion Detection in MRI using Magnetometer Ming Xuan Chen, Chang Gung University, Taiwan
P36	Decrease in accuracy of speed of sound analysis due to surface asperity of measurement target Toshiki Matsuzaki, Chiba University, Japan
P37	Classifying Parkinson's Disease Based on T1-weighted Brain MR Images Using Convolutional Neural Network Yuan Ling Huang, Chung Gung University , Taiwan
P38	Esophageal Cancer Detection by Combination of Low Concentration Lugol Staining and Narrowband Illumination Yu Saito, Chiba University, Japan
P39	Blood Vessel Enhancement in Abdominal Angiograms Taken under Free Breathing Morio Kawabe, Chiba University, Japan
14:50 ～ 15:20	Keynote Speech （Chair: Prof. Tatsuo Igarashi） Research Progress on Surgical Robotics of IMR@SJTU Prof. Weidong Chen, Shanghai Jiao Tong University, China
15:20 ～ 15:50	Keynote Speech （Chair: Prof. Seiji Nakagawa） Wearable MCG spectrum assisted mobile detection and early warning system for cardiovascular diseases Prof. Ming-yih Lee, Chang Gung University, Taiwan
15:50 ～ 16:00	Coffee Break
Oral Session 2 （Chair: Prof. Toshiya Nakaguchi）
16:00 ～ 16:15	Imaging and Analysis of Tongue Picture for Healthcare Prof. Toshiya Nakaguchi, Chiba University, Japan
16:15 ～ 16:30	Contrast enhanced active Doppler ultrasound imaging for visualizing vascular channels Prof. Kenji Yoshida, Chiba University, Japan
16:30 ～ 16:45	Surgery under irrigation: bench to bedside Prof. Tatsuo Igarashi, Chiba University, Japan
16:45 ～ 17:00	Optical Implementation for Observation of Circulatory Features Prof. Hideaki Haneishi, Chiba University, Japan
17:00 ～ 17:15	An Intelligent Assisted Screening System for Pulmonary Nodules Dr. Ling Ma, Zhengzhou University, China
19:00 ～ 21:00	Banquet (The Meets Marina Terrace)

Day 2　November 13, 2019 (Wednesday)	
Engineering Research Building II, Nishi-Chiba Campus	
Schedule	
9:00 ～ 9:30	Keynote Speech　(Chair: Prof. Kazuyuki Saito) The Recent research progress of a low-field MRI Head Imager in Singapore University of Technology and Design Dr. Shao Ying Huang, Singapore University of Technology and Design, Singapore
9:30 ～ 9:40	Coffee Break
Oral Session 3 (Session Chair: Prof. Yuichiro Yoshimura)	
9:40 ～ 9:55	Deep Learning-based Human Detection from Bird's-Eye View Camera Images for Safety Care of Factory Workers Prof. Li-Wei Kang, National Taiwan Normal University, Taiwan
9:55 ～ 10:10	Sparse Enhancement for Detection of Newly Grown Tree Leaves via Deep Learning Prof. Shih-Yu Chen, National Yunlin University of Science and Technology, Taiwan
10:10 ～ 10:25	Consideration of Supporting Colonoscope System for Diagnosis of Invasion Depth By Using Deep Learning Dr. Yuichiro Yoshimura, Chiba University, Japan
10:25 ～ 10:40	Within-and Between-Subject Classification of the Affective Auditory P300-based Brain-Computer Interface Dr. Akinari Onishi, Chiba University, Japan
10:40 ～ 10:50	Coffee Break
Oral Session 4 (Session Chair: Prof. Tadashi Yamaguchi)	
10:50 ～ 11:05	Lens Antenna for Millimeter-Wave Band Prof. Xiao-Wei Zhu, Southeast University, China
11:05 ～ 11:20	Effect of Temporal Expectation on Medial Olivocochlear Bundle Reflex Prof. Sho Otsuka, Chiba University, Japan
11:20 ～ 11:35	Bone-conducted Ultrasonic Perception: Elucidation of Perception Mechanisms and Applications to Novel Welfare Devices Prof. Seiji Nakagawa, Chiba University, Japan
11:35 ～ 11:50	Establishment of the multidimensional diagnostic model of lung cancer based on data mining Prof. Di Li, Zhengzhou University, China
11:50 ～ 12:00	Closing Ceremony