Time and date shows here refers to China Standard Time (GMT+8).		
11 October (Monday)		
16:00-17:45	Registration	Lobby Howard Johnson Ginwa Plaza Hotel Xian
18:00-20:00	Reception	LENBACH Restaurant & Bar（Nanmen, Xi'an）
12 October(Tuesday)		
08:00-12:00	Registration	Lobby Howard Johnson Ginwa Plaza Hotel Xian
Opening and Plenary Session **Chair: Prof. Sang-Seok Lee(Online) & Dr. Sohei Matsumoto(Online)**		
08:30-08:35	Opening Address	Prof. Libo Zhao，Xi'an Jiaotong University
08:35-08:40	Address from China	Prof. Zhuangde Jiang(Online)，Xi'an Jiaotong University
08:40-08:45	Address from Japan	Prof. Toshihiro Itoh(Online)，The University of Tokyo
08:45-08:50	Address from Korea	Dr. Eungsug Lee(Online)，Korea Institute of Machinery & Materials(KIMM)
08:50-09:20	Plenary 1	Research and Development on Micro Sensors and Systems Prof. Shanhong Xia，Institute of Electronics, Chinese Academy of Sciences
09:20-09:50	Plenary 2	Surface activated bonding for micro system integration Prof. Tadatomo Suga(Online)，Meisei University
09:50-10:10	Coffee Break And Group Photo	
Plenary and Invited Session **Chair: Prof. SungHo Lee(Online) & Prof. Jiaru Chu**		

10:10-10:40	Plenary 3	Emotion monitoring skin patches for human mental healthcare Prof. Young-Ho Cho(Online)，Korea Advanced Institute of Science and Technology (KAIST)
10:40-11:10	Plenary 4	Advance in human machine interfaces（HMI）for VR/AR applications Prof. Chengkuo Lee(Online)，National University of Singapore
11:10-11:30	Special Memorial Talk	Micro/Nano Manufacturing and Its Applications - Under One Roof Report - Part VIII Prof. Dong F. Wang，Jilin University
11:30-11:50	Invited 1	Thermal & Stress Test Vehicle for Integrated Circuit Packaging Prof. Binbin Jiao，Institute of Microelectronics of the Chinese Academy of Sciences
11:50-12:10	Invited 2	Design, modeling, fabrication and application of micromachined ultrasonic transducers Prof. Zhikang Li，Xi'an Jiaotong University
12:10-14:00	Lunch	Golden Gynasty(2F) Howard Johnson Ginwa Plaza Hotel Xian
Invited Session Chair: Dr.Jian Lu(Online)		
14:00-14:20	Invited 3	Additively Manufactured Multi-Component Sputtering Target for Tribological Thin Film Physical Vapor Deposition Applications Dr. Chung-Soo Kim(Online)，Korea Institute of Industrial Technology (KITECH)
14:20-14:40	Invited 4	Automated Sensing Systems Based on Printed Strain Sensors for Monitoring of Civil Engineering Structures Dr. Daniel Zymelka(Online)，National Institute of Advanced Industrial Science and Technology（AIST）
14:40-15:00	Invited 5	Self-powered electronic medical devices and electrical stimulation therapy Prof. Zhou Li(Online)，Beijing Institute of Nanoenergy and Nanosystems/University of Chinese Academy of Sciences
15:00-15:20	Invited 6	Advanced Optical Biosensor Platforms Based on Smart Nanomaterials Dr. Do-Hyun Kang (Online)，Korea Institute of Machinery & Materials(KIMM)
15:20-15:40	Invited 7	Additive Manufacturing of Micro/Nano Structures for Flexible Sensors and Actuators Prof. Dezhi Wu(Online)，Xiamen University
15:40-15:55	Coffee Break	
Invited Session,Oral Session and Industry Oral Session Chair: Prof. Ryutaro Maeda		
15:55-16:15	Invited 8	A Sensor Device Using Exhaled Breath for Mobile Diet Monitoring Dr. Dae-Sik Lee(Online)，Electronics and Telecommunications Research Institute(ETRI)

16:15-16:35	Invited 9	Micro-Nano Technology/Concept-Based Medical & Healthcare Devices Prof. Norihisa Miki(Online)，Keio University
16:35-16:50	Oral 1	3D Simulation Study of Higher Performance of a Silicon Piezoresistive MEMS Strain Gauge Dr. Nguyen Chi Cuong(Online)， Researcher Laboratories of Saigon Hi-Tech Park (SHTP Labs)
16:50-17:05	Oral 2	Developing the pH-ISFET Sensor for Rain Monitoring System in Ho Chi Minh City Dr. Ba Cuong Hoang(Online)，The Research Laboratories of Saigon High Tech Park
17:05-17:25	Industry Oral 1	Latest report of damage-free polishing technology for Diamond substrates Chisato Maeda(Online)，TDC Corporation
17:25-17:45	Industry Oral 2	Boosting Efficiency of Fine MEMS and PCB Smart Manufacturing by Applications of Fully Automated Etching and Plating Simulation Technologies Hiroyoshi Kuge(Online)，Oscillated Recall Technology inc.
17:45-17:50	Announcement of JCK MEMS/NEMS 2022 Prof. Norihisa Miki(Online)，Keio University	
18:00	Banquet	Golden Gynasty(2F) Howard Johnson Ginwa Plaza Hotel Xian
13 October(Wednesday)		
Invited and Oral Session Chair: Prof. Xudong Fang		
08:30-08:50	Invited 11	Low-cost Laser Micromachining Super Hydrophilic - Super Hydrophobic Microgrooves for Capillary Micromanipulation of Microfibers Prof. Bo Chang(Online)，Shaanxi University of Science and Technology
08:50-09:10	Invited 12	Recent Progress of RF Acoustic Wave Devices Gifted by MEMS Technologies Prof. Ken-ya Hashimoto，University of Electronic Science and Technology of China
09:10-09:25	Oral 3	Integrated pressure, temperature and humidity sensor on wood by LIG Prof. Chen Li，Shaanxi University of Science and Technology
09:25-09:40	Oral 4	Nanophotonic platforms for optical spin manipulation Dr. Yang Chen，University of Science and Technology of China
09:40-09:55	Oral 5	High-efficiency femtosecond laser micro/nanofabrication and applications Prof. Yanlei Hu，University of Science and Technology of China
09:55-10:10	Oral 6	Gas-permeable, conductive, stretchable electrospun PU membrane for wearable strain sensing Prof. Guoxi Luo，Xi'an Jiaotong University

10:10-10:25	Oral 7	Sustainable autonomous wireless sensor node by dual charging and storage design in solar energy harvesting Dr. Lu Wang，Xi'an Jiaotong University
10:25-10:40	Coffee Break	
Oral Session Chair: Prof. Guoxi Luo		
10:40-10:55	Oral 8	Development of simulation analysis method and design for MEMS thermal flow sensor embedded in a flow path Dr. Sai Ma(Online)，The University of Tokyo
10:55-11:05	Oral 9	Failure Mechanism Analysis of S-type Thin Film Thermocouples on Silicon Substrate Zesen Ma，University of Science and Technology of China
11:05-11:15	Oral 10	Contribution of Ferromagnetic Medium to the Output of Triboelectric Nanogenerators Derived from Maxwell's Equations Yahui Li，Shanghai Jiao Tong University
11:15-11:25	Oral 11	A Self-powered MEMS Inertial Switch for Potential Zero Power-consumption Wake-up Application Chao Ren，Shanghai Jiao Tong University
11:25-11:35	Oral 12	Fabrication Conditions for BTO/PVDF Composite Piezoelectric Film and its Vibration Energy Harvesting Potential Weiquan Wang，Sichuan University
11:35-11:45	Oral 13	Design and simulation of on-chip patch antenna on a quartz glass layer for 77GHz millimeter wave radar applications Junjie Xu，Sichuan University
11:45-11:55	Oral 14	Design of Piezoelectric Pressure Sensor for Monitoring Plantar Pressure Yiqun Zhang，Sichuan University
11:55-13:30	Lunch	Golden Gynasty(2F) Howard Johnson Ginwa Plaza Hotel Xian
Oral Session Chair: Dr. Lu Wang		
13:30-13:40	Oral 15	Suspension bridge resonant gas sensor based on embedded film adsorption Tong Liu，Sichuan University
13:40-13:50	Oral 16	Numerical simulation of femtosecond laser processing silicon carbide Chen wu，Xi'an Jiaotong University
13:50-14:00	Oral 17	Frequency adjustable piezoelectric-electromagnetic hybrid vibration energy harvesting Qian Wang，Xi'an Jiaotong University

14:00-14:10	Oral 18	Preparation and application of hybrid nano generator for human motion energy collection Zhenxuan Fei，Xi'an Jiaotong University
14:10-14:20	Oral 19	A thin-film getter equipped with a micro heater for wafer-level high vacuum packaging Liuhaodong Feng(Online)，Shanghai University
14:20-14:30	Oral 20	Study of the Back Contact of Flat All-Solid-State Glass Electrodes Chihiro Shimodan(Online)，The University of Tokyo
14:30-14:40	Oral 21	Mechanical modeling of ultra-thin MEMS piezoresistive strain sensor assembly Junya Nakagawa(Online)，The University of Tokyo
14:40-14:55	Coffee Break	
Oral Session Chair: Dr. Wendi Gao		
14:55-15:05	Oral 22	A Highly Performance Thin-Film Thermocouples for In-Situ Measurement Bingfei Zhang(Online)，Xi'an Jiaotong University
15:05-15:15	Oral 23	Study on Vibration Strength of Thin Film Temperature Sensor Jiangjiang Liu(Online)，Xi'an Jiaotong University
15:15-15:25	Oral 24	Assembly strategy of Nanotube/Nanowire based temperature sensor Peidong Chao(Online)，Soochow University
15:25-15:35	Oral 25	Orange-red microfluidic electrochemiluminescence device with an electron injection layer Koji Okada(Online)，Hosei University
15:35-15:45	Oral 26	Development of Dry Microneedle Electrode for Measuring EEG in Hair Area Yuki Zemba(Online)，Keio University
15:45-15:55	Oral 27	Fabrication and Characterization of La0.8Sr0.2CrO3-ITO thermocouples for high-temperature sensering Bohan Chen(Online)，Xi'an Jiaotong University
15:55-16:00	Closing Message	Prof. Toshihiro Itoh(Online)，The University of Tokyo