Oral Session

Keynote/Invited	Presentation NO	Presentation date	Time to start	Time to finish	Account: First name	Account: Middle name	Account: FAMILY NAME	Account: Affiliation	Abstract title
Chairpersons: Rryutaro Maeda									
Keynote	C-4-K26-001	26 Sep.	10:30	11:00	Isao		SHIMOYAMA	The University of Tokyo	New frontier MEMS
Invited	C-4-I26-002	26 Sep.	11:00	11:20	Hidetoshi		MATSUMOTO	Tokyo Institute of Technology	Nanofiber-Structured Power Devices for Energy Harvesting
Invited	C-4-I26-003	26 Sep.	11:20	11:40	Huicong		LIU	National University of Singapore	MEMS based piezoelectric energy harvesters using PZT cantilevers
	C-4-O26-004	26 Sep.	11:40	11:55	Takeshi		YOSHIMURA	Osaka Prefecture University	Characterization of Ferroelectric MEMS Vibration Energy Harvester
	C-4-O26-005	26 Sep.	11:55	12:10	Priangga	Perdana	PUTRA	Tokyo Institute of Technology	Piezoelectric Properties and Fine Structure of Thin-Film Piezoelectric Power Generator Composed of Electrospun PVDF Nanofibers
	C-4-O26-006	26 Sep.	12:10	12:25	George	Vulpe	MINESAWA	Tokyo Institute of Technology	Development of Power Harvesting Electret for Wireless SHM System
Lunch		26 Sep.	12:25	13:30					
Chairpersons: Toshihiro Itoh									
Invited	C-4-I26-007	26 Sep.	13:30	13:50	Yusuke		TAKEI	The University of Tokyo	Ionic Liquid based CO2 Gas Sensor
	C-4-O26-008	26 Sep.	13:50	14:05	DONGFANG		WANG	IBARAKI UNIVERSITY	Vibration Mode Localization in Coupled Beam-shaped Micro Resonator Array with Small Mass Perturbation
	C-4-O26-009	26 Sep.	14:05	14:20	Yasuyuki		YAMAMOTO	National Institute of Advanced Industrial Science and Technology (AIST)	MEMS BASED VIBRATING VISCOMETER USING MICRO SPIRAL STRUCTURE
	C-4-O26-010	26 Sep.	14:20	14:35	Takahisa		SAGAWA	IBARAKI UNIVERSITY	Effect of Geometrical Design on Support Loss in Piezoelectric Ring Resonator Applicable to Liquid Circumstance
	C-4-O26-011	26 Sep.	14:35	14:50	Toshihiro		TAKESHITA	Kyushu University	Detection of micro mirror rotation by applying micro displacement sensor
Coffee Break		26 Sep.	14:50	15:15					
Chairpersons: Akihiko Tanioka									
	C-4-O26-012	26 Sep.	15:15	15:30	TAKUMI		ITOH	IBARAKI UNIVERSITY	Super-harmonic Synchronization in Cantilever-based Oscillator Systems for Ultimate Sensing Applications
	C-4-O26-013	26 Sep.	15:30	15:45	Bin		SUN	Kyushu University	Two-spring-constant fiber scanner with high frequency vibration and large scanning angle
	C-4-O26-014	26 Sep.	15:45	16:00	YASUHIRO		SUZUKI	IBARAKI UNIVERSITY	Passive MEMS Current Sensor Applicable to Two-wire Appliance Cord for End-use Monitoring
	C-4-O26-015	26 Sep.	16:00	16:15	Toshibumi		URYU	Dai Nippon Printing Co., Ltd	Mass-production of PZT thin films using automated sol-gel deposition system for 200 mm wafer
Chairpersons: Renshi Sawada									
Invited	C-4-I27-001	27 Sep.	10:30	10:50	Hironao		OKADA	National Institute of Advanced Industrial Science and Technology (AIST)	Development of low power technologies for wireless sensor network systems
Invited	C-4-I27-002	27 Sep.	10:50	11:10	Tsukasa		FUJIMORI	NMEMS Technology Research Organization	Low-Power Analog-Front-End Circuits with Digital Calibration for Sensor Networks
	C-4-O27-003	27 Sep.	11:10	11:25	Jun		FUJIMOTO	National Institute of Advanced Industrial Science and Technology (AIST)	Would Power Monitoring Using Wireless Sensor Nodes be Savior for Power Saving in Society?
	C-4-O27-004	27 Sep.	11:25	11:40	Hirofumi		NOGAMI	National Institute of Advanced Industrial Science and Technology (AIST)	Piezoelectric MEMS switch of wireless sensor nodes for animal health monitoring
	C-4-O27-005	27 Sep.	11:40	11:55	Toshihiro		KAMEI	National Institute of Advanced Industrial Science and Technology (AIST)	HETEROGENEOUS INTEGRATION OF A LASER INDUCED FLUORESCENCE DETECTION DEVICE FOR POINT-OF-CARE MICROFUIDIC BIOCHEMICAL DIAGNOSIS
Lunch		27 Sep.	11:55	13:30					
Chairpersons: Dong F. Wang									
Invited	C-4-I27-006	27 Sep.	13:30	13:50	Tomoya		INOUE	AIST	Microfluidic Device System for Green Sustainable Chemical Processes
	C-4-O27-007	27 Sep.	13:50	14:05	TATSUHIKO		OHATA	IBARAKI UNIVERSITY	Controlling Gap Width in Nanogap Electrode Using Electromigration During Metal Deposition
	C-4-O27-008	27 Sep.	14:05	14:20	Takahiro		YAMASHITA	BEANS Laboratory	Evaluation of Conductive Polymer Coated Elastomer Contact Structures Using Large Area Woven Sheets
	C-4-O27-009	27 Sep.	14:20	14:35	Yi		ZHANG	National Institute of Advanced Industrial Science and Technology (AIST)	Low-cost Wafer-scale MEMS Fabrication of Vertically Laminated Structure for Sensing Application
	C-4-O27-010	27 Sep.	14:35	14:50	Shogo		UCHIYAMA	National Institute of Advanced Industrial Science and Technology (AIST)	Development of Novel Cylindrical Projection Lithography Technology
Coffee Break		27 Sep.	14:50	15:15					
Chairpersons: Takeshi Kobayashi									
	C-4-O27-011	27 Sep.	15:15	15:30	Hideo		YAMADA	DENSO CORPORATION	Reactor Design for Novel Deposition Technique Using Supercritical Fluid
	C-4-O27-012	27 Sep.	15:30	15:45	Takahide		MURAYAMA	NMEMS Technology Research Organization	A Scallop Free Deep Si Etching Method In Magnetic Neutral Loop Discharge Plasma.
	C-4-O27-013	27 Sep.	15:45	16:00	Seiichi		YOSHIMI	Dai Nippon Printing Co., Ltd.	Development of Silicon Interposer with TSV using 300mm wafer
	C-4-O27-014	27 Sep.	16:00	16:15	Kazuma		KURIHARA	National Institute of the Advanced Industrial Science and Technology (AIS	Polymer MOEMS mirror by all vacuum-less processes combining printed film and injection molding replication

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C-4-P26-001	26 Sep.	16:30	18:30	Mamoru		MEGURO	Tokyo Institute of Technology	Nanofiber-Based Electrodes for Flexible Batteries
C-4-P26-002	26 Sep.	16:30	18:30	Sohei		MATSUMOTO	National Institute of Advanced Industrial Science and Technology (AIST)	Fabrication Process of Flexible Micro-Bamboo Structures for Fiber-based Sheet Devices
C-4-P26-003	26 Sep.	16:30	18:30	DONGFANG		WANG	IBARAKI UNIVERSITY	Fabricating PVDF Micro/nano-fibers for Developing Polymetric Generator
C-4-P26-004	26 Sep.	16:30	18:30	TATSUHIKO		OHATA	IBARAKI UNIVERSITY	Super-harmonic Vibration in A Piezoelectric Micro Cantilever with a Proof Mass in the Point
C-4-P26-005	26 Sep.	16:30	18:30	TAKUMI		ITOH	IBARAKI UNIVERSITY	Effect of Small Mass Perturbation on Synchronized Vibration in Mechanically-coupled U-shaped Oscillator System
C-4-P26-006	26 Sep.	16:30	18:30	Takahisa		SAGAWA	IBARAKI UNIVERSITY	Self-alignment Process Based on Capillary Effect for Micro Parts Integration
C-4-P26-007	26 Sep.	16:30	18:30	YASUHIRO		SUZUKI	IBARAKI UNIVERSITY	Developing Piezoelectric DC Current Sensor Integrated with Actuating and Sensing Elements
C-4-P26-008	26 Sep.	16:30	18:30	Kimura		MUTSUMI	Shinshu University	Mechanical and Conductive Performance of PVA and PEDOT/PSS Blended Fiber
C-4-P26-009	26 Sep.	16:30	18:30	Takahiro		WAKABAYASHI	Shinshu University	BixSb2-xTe3 Alloys prepared by Microwave Applied Heating
C-4-P26-010	26 Sep.	16:30	18:30	Keisuke		TAKEMOTO	Shinshu University	Bulk-heterojunction Solar Cells composed of Semiconductive Disk-like Molecules
C-4-P26-011	26 Sep.	16:30	18:30	Sang Cheon		PARK	National Institute of Advance Industrial Science and Technology (AIST)	A study on imprint process of soluble polyimide block copolymer for wafer scale high-precision patterning
C-4-P26-012	26 Sep.	16:30	18:30	Teruki		NAITO	BEANS Laboratory	Conductivity Control of Polycrystalline-Silicon Deposited by Atmospheric Pressure Plasma Enhanced Chemical Transport.
C-4-P26-013	26 Sep.	16:30	18:30	Takeshi		KOBAYASHI	National Institute of Advanced Industrial Science and Technology (AIST)	MEMS-based piezoelectric energy harvester with series connection of PZT thin films array
C-4-P26-014	26 Sep.	16:30	18:30	Yutaka		TOMIMATSU	NMEMS Technology Research Organization	A piezoelectric flow sensor for wake-up switch of wireless sensor network node
C-4-P26-015	26 Sep.	16:30	18:30	Seiichi		TAKAMATSU	National institute for advanced industrial science and engineering	Flexibility evaluation of conductive polymer-based large-area touch sensors
C-4-P26-016	26 Sep.	16:30	18:30	Takahiro		OIKAWA	Tokyo Institute of Technology	Characterization of lead-free piezoelectric Bi(Mg1/2Ti1/2)O3 films
C-4-P26-017	26 Sep.	16:30	18:30	Takahiko		IMAI	BEANS laboratory	Precision Die Coating Process for Textile Integration
C-4-P26-018	26 Sep.	16:30	18:30	Naoki		SHIRAISHI	NMEMS Technology Research Organization	Characteristics of higher order resonance mode of polymer cantilever for VOC sensor
C-4-P26-019	26 Sep.	16:30	18:30	Jian		LU	National Institute of Advanced Industrial Science and Technology (AIST)	Super Compact Wireless Sensor Nodes for Environmental Monitor and Power Saving Applications