Poster Presenters List ／ ポスター発表者一覧

poster No	Poster	Grant No	Sub Theme	Presentation title	Presenter	Affiliated Institution	Type	Keywords
1-S01	Poster session(F) & Poster data	R03/A05	Group1	Heusler magnetic Weyl semimetal :Toward a non-volatile magnetic memory	1)CHIBA Takahiro, 2)TSUJIKAWA Masahito	1)NIT, Fukushima, 2)RIEC	萌芽・先端・若手	スピントロニクス／磁性材料／省エネ技術／電気電子材料
1-S02	Poster session(F) & Poster data	H31/A09	Group1	Local phase transition electrically or mechanically induced by a stylus	1)SAKAI Joe, 2)KUWAHARA Masashi, 3)OHNUKI Takuto, OKIMURA Kunio, 4)MORITA So, KATANO Satoshi	1)Toshima Manufacturing, 2)AIST, 3)Tokai Univ., 4)RIEC	萌芽	酸化物／カルコゲナイド／相転移／スイッチング素子
1-S03	Poster session(F) & Poster data	R02/A08	Group1	Study on Electromagnetic Crosstalk Suppression in Mobile Devices Using Negative Magnetic Permeability Materials	MUROGA Sho	Akita Univ.	萌芽・先端	電磁環境両立性／高周波磁気デバイス／機能性材料／負の透磁率
1-S04	Poster session(F) & Poster data	R02/A09	Group1	Control of quantum transport in metal nanojunction systems and its application to functional devices	SHIBATA Kenji	Tohoku Institute of Technology	萌芽	量子伝導／トランジスタ／固体物性／ナノエレクトロニクス
1-S05	Poster session(F) & Poster data	R03/A25	Group1	Exploration of informatics for revealing operation mechanisms of Beyond 5G devices	FUKIDOME Hirokazu	RIEC	萌芽・先端	スマート社会／IoT／省エネ技術
1-S06	Poster session(F) & Poster data	R02/A06	Group1	Development of piezoelectric constant distribution measurement system in micrometer area	1)ODAGAWA Hiroyuki, 2)CHO Yasuo	1)NIT, Kumamoto, 2)RIEC	先端	圧電特性／測定技術／走査型非線形誘電率顕微法／圧電材料
1-S07	Poster session(S) & Poster data	H31/A11	Group1	Equivalent circuit parameters of InGaAs HEMTs with slant field plates using fully- frequency-dependent parasitic resistance extraction	1)SAITO Makoto, 2)HOSOTANI Tomotaka, 1)YAGUCHI Keigo, UMEDA Yohtaro, TAKANO Kyoya, 3)SUEMITSU Tetsuya, 2)SATOU Akira	1)Tokyo Univ. of Science, 2)RIEC, 3)ROEC, Tohoku Univ.	萌芽	InGaAs HEMT／傾斜形フィールドプレート／回路モデリング／寄生抵抗
1-S08	Poster session(S) & Poster data	R02/A10	Group1	Investigation of electrical properties of high-k/Ge interface affected by fabrication processes	1)OTANI Yohei, YAMADA Daichi, 2)OKAMOTO Hiroshi, KOBAYASHI Yasuyuki, ONO Toshiro, 3)SATO Tetsuya, 4)SAKURABA Masao, 5)MUROTA Junichi	1)Suwa Univ. of Sci., 2)Hirosaki Univ., 3)Univ. of Yamanashi, 4)RIEC, 5)Tohoku Univ.	萌芽・先端	半導体／半導体プロセス／界面／電気特性
1-S09	Poster session(S) & Poster data	R03/A06	Group1	Basic research on radiation response of semiconductor quantum devices	YOSHIDA Sei	Osaka Univ.	萌芽	量子ドット／センサー／放射線計測／素粒子物理学実験への応用
1-P01	Poster data only	H31/A01	Group1	Japan-USA International Collaborative Research on Terahertz Devices based on Graphene-Phosphorene van der Waals Heterostructures	1)Vladimir MITIN, 2)OTSUJI Taiichi	1)Univ. at Buffalo, SUNY, 2)RIEC	国際	二次元材料／テラヘルツ／グラフェン／黒リン／ファンデルワールス接合
1-P02	Poster data only	H31/A05	Group1	Current induced switching of metallic antiferromagnet PtMn	1)S. DUTTAGUPTA, A. KURENKOV, 2)O. A. TRETIAKOV, 3)G. KRISHNASWAMY, G. SALA, V. KRIZAKOVA, 4)F. MACCHEROZZI, S. S. DHESI, 3) P. GAMBARDELLA, 1) S. FUKAMI, H. OHNO	1)RIEC, 2)UNSW, 3)ETH Zurich, 4)Diamond Light Source	萌芽・先端・国際	Spintronics / Antiferromagnets / Electrical switching / Spintronic memory
1-P03	Poster data only	H31/A19	Group1	Electrical ferromagnetic resonance measurements on CoFeB-MgO perpendicular magnetic tunnel junction structure via spin rectification effects	1)Eli Christopher I. Enobio, Argielou A. Flores, 2)KANAI Shun, FUKAMI Shunsuke	1)Mindanao State Univ., 2)RIEC	萌芽・先端・国際	ferromagnetic resonance / spin rectification / anomalous Hall Effect / damping constant / magnetic tunnel junction
1-P04	Poster data only	H31/A26	Group1	Study of 2D nanomaterial devices for terahertz applications	1)AMINE El Moutaouakil, 2)OTSUJI Taiichi	1)United Arab Emirates Univ., 2)RIEC	国際	二次元材料／テラヘルツ／デバイス／グラフェン
1-P05	Poster data only	R02/A04	Group1	Unconventional Hall effect in a two dimensional van der Waals ferromagnet	1)S. DUTTAGUPTA, 2)R. R. CHOWDHURY, 3)O. A. TRETIAKOV, 2)C. PATRA, 1)S. FUKAMI, 2)R. P. SINGH	1)RIEC, 2)IISERB, 3)UNSW	国際	Two dimensional magnets / skyrmions / Hall effect / spintronics
1-P06	Poster data only	R02/A05	Group1	New Group-IV Semiconductor Materials and Highly-Integrated Device Process	SAKURABA Masao	RIEC	萌芽・先端・国際	半導体／デバイス／材料科学／プロセス
1-P07	Poster data only	R02/A12	Group1	Japan-Russia International collaborative research on a large-area photoconductive terahertz detector for high-speed imaging	1)DMITRY Ponomarev, 2)OTSUJI Taiichi	1)Institute of ultra high frequency semiconductor electronics, RAS, 2)RIEC	国際	テラヘルツ／ディテクタ／イメージング／デバイス
1-P08	Poster data only	R03/A04	Group1	Development of Air Plasma Device for Selective N2O5 Supply and Its Applications	KANEKO Toshiro, TAKASHIMA Keisuke, SASAKI Shota	ECEI Tohoku Univ.	国際	プラズマ／SDGs／スマート農業／機能性窒素
1-P09	Poster data only	R03/A03	Group1	Transition of spatiotemporal spin dynamics of two-dimensional electron gas from ballistic motion to diffusive motion	ISHIHARA Jun	Tokyo Univ. of Science	若手	半導体／スピン／光学測定
1-P10	Poster data only	H31/A06	Group1	Development of efficient magnetization-switching devices using transition-metal compounds	1)S. ISOGAMI, 2)H. ASANO, T. HAJIRI, 3)T. SUEMASU, 4)S. KOKADO, 5)M. TSUNODA, K. ITO, M. SHIRAI	1)NIMS, 2)Nagoya Univ., 3)Univ. of Tsukuba, 4)Shizuoka Univ., 5)Tohoku Univ.	萌芽	省エネ技術／磁化反転／スピン輸送／窒化膜
1-P11	Poster data only	R02/A07	Group1	Ga2O3 thin film and device fabrication by the sputtering process	IMAIZUMI Fuminobu	NIT, Oyama	萌芽	酸化ガリウム／薄膜／デバイス／スパッタリング
1-P12	Poster data only	R02/A11	Group1	Graphene far infrared emitter	1)NAGSE Masao, 2)OTSUJI Taiichi	1)Tokushima Univ., 2)RIEC	萌芽・先端	グラフェン／遠赤外線／発光デバイス
1-P13	Poster data only	R03/A01	Group1	Radiation effect study on CoFeB/MgO nanodot-array	1) WATANABE Kyota, TAKEUCHI Kozo, SHINDO Hiroyuki, 2) IGARASHI Junta, TAKEUCHI Yutaro, JINNAI Butsurin, FUKAMI Shunsuke	1)Japan Aerospace Exploration Agency, 2)RIEC	萌芽・先端	スピントロニクス／ナノエレクトロニクス／放射線影響／宇宙応用
1-P14	Poster data only	R03/A26	Group1	Quantum research based on integration of experimental, theoretical and data science	1)FUKUHARA Takeshi, 2)SHIGA Motoki, 3)OTSUKA Tomohiro	1)RIKEN, 2)Gifu Univ., 3)RIEC	萌芽・先端	量子／デバイス/機械学習
1-P15	Poster data only	H31/A04	Group1	Array Control and Charging Properties of Ge-Si Core-Shell Quantum Dots	1)MIYAZAKI Seiichi, MAKIHARA Katsunori, 2)MUROTA Junichi, 3)SATO Shigeo	1)Nagoya Univ., 2)Tohoku Univ., 3)RIEC	先端	IoT
1-P16	Poster data only	H31/A07	Group1	Development of high Q microwave resonators for quantum detection	INOMATA Kunihiro	Advanced Industrial Science and Technology	先端	超伝導マイクロ波共振器／マイクロ波単一光子／超伝導量子ビット／量子コンピュータ
1-P17	Poster data only	H31/A10	Group1	Ferromagnetic Resonance induced by the combination of the spin-orbit torque and spin-wave-mediated Phase-locking	KODA Tetsunori	NIT, Oshima	先端	スピントロニクス
1-P18	Poster data only	H31/B13	Group1	Enhancement of spin relaxation time in semiconductor wires by geometric confinement	SATO Dai, IIZASA Daisuke, NITTA Junsaku, KOHDA Makoto	Department of Materials Science, Tohoku Univ.	先端・大型	スピントロニクス／半導体／グリーン社会／量子構造
1-P19	Poster data only	R02/A03	Group1	NaCl-assisted CVD growth of MoS2 for device applications	UCHINO Takashi	Tohoku Institute of Technology	先端	次世代デバイス／光電子デバイス／2次元材料／CVD成長
1-P20	Poster data only	R03/A02	Group1	A study on process technology for Si/Ge integrated hybrid devices	YAMAMOTO Keisuke	Kyushu Univ.	先端	IoT
1-P21	Poster data only	R03/A07	Group1	Integrated synthesis of graphene nanoribbon quantum dot	KATO Toshiaki, KANEKO Toshiro	ECEI Tohoku Univ.	先端	ナノテクノロジー／量子デバイス／グラフェン／合成
1-P22	Poster data only	R03/A08	Group1	Structural control of nanocarbons for the photo functionalization	KATANO Satoshi	RIEC	先端	ナノサイエンス／光機能／ナノカーボン／光材料
1-P23	Poster data only	R03/A24	Group1	Measurement of carbon monoxide gas concentration using shot gas spraying method	ABE Hiroyuki	Industrial Technology Institute, Miyagi Prefectural Government	先端	IoT
1-P24	Poster data only	R03/B01	Group1	Experimental and theoretical studies of new physical phenomena at interfaces brought on by electron spins, orbitals and multipoles	1)MIURA Yoshio, MASUDA Keisuke, 2)OKABAYASHI Jun	1)National Institute for Materials Science, 2)Univ. of Tokyo	先端	スピントロニクス/第一原理計算/スピン輸送現象/省エネ技術
2-P01	Poster data only	R02/A01	Group2	Development of graphene based devices for terahertz applications	1)MEZIANI Yahya Moubarak, 2)OTSUJI Taiichi	1)Univ. of Salamanca, 2)RIEC	国際	グラフェン／テラヘルツ／デバイス／イメージング
2-P02	Poster data only	R02/A15	Group2	Direct Digital RF DBF Antenna System Using GbE Optical Fiber Transmission	SUEMATSU Noriharu	RIEC	先端・国際	IoT
2-P03	Poster data only	R03/A12	Group2	Extension of WPT Distance for Folded Dipole Rectenna by Using Parasitic Elements as Directors	MARUYAMA Tamami	NIT, Hakodate	先端・国際	IoT／ワイヤレス電力伝送／エネルギーハーベスト／八木宇田アンテナ
2-P04	Poster data only	H31/B03	Group2	Estimation of Equivalent Current Distribution Using Fourier Transform and Eigenmode Currents	KONNO Keisuke	Graduate School of Engineering, Tohoku Univ.	萌芽	アンテナ／電磁波工学／無線通信／波源推定
2-P05	Poster data only	R02/A16	Group2	Study on development of millimeter wave antenna using 3D printer	ITOH Keiichi	NIT, Akita	萌芽	ミリ波／3Dプリンタ／メッキ／最適化
2-P06	Poster data only	R03/A10	Group2	High frequency chaos circuits using resonant tunneling diodes and their applications	1)MAEZAWA Koichi, FAROOQ Umer, MORI Masayuki, 2)ANDOH Hiroya, 3)OTSUJI Taiichi	1)University of Toyama, 2)NIT, Toyota, 3)RIEC	萌芽	マイクロ波デバイス／非線形現象／測定技術／カオス
2-P07	Poster data only	H31/A21	Group2	Performance Evaluation of USRP Software Defined Radio Devices for Rapid Prototyping with Emphasis on Phase and Time Synchronization	1)NAKAMURA Haruto, YAMADA Yoji, 2)KAMEDA Suguru, 3)SUEMATSU Noriharu	1)NIT, Ishikawa, 2)Hiroshima Univ., 3)RIEC	先端	ソフトウェア無線／位相同期／観測・計測／オープンソース
2-P08	Poster data only	R02/A14	Group2	Evaluation of Multi-GNSS Positioning Information for Massive Connect IoT	1)KITA Hiroto,OGUMA Hiroshi, 2)KAMEDA Suguru, 3)SUEMATU Noriharu	1)NIT. Toyama, 2)Hiroshima Univ., 3)RIEC	先端	通信／位置情報／IoT
2-P09	Poster data only	R03/A09	Group2	1 x 4 slot array antenna on-chip for 1THz application	1)KANAYA Haruichi, TASAKI Kohei, TAKIGAWA Ryo, 2)SUEMATSU Noriharu	1)Kyushu Univ., 2)RIEC	先端	アンテナ／高速無線通信／テラヘルツ／SOI
2-P10	Poster data only	R03/A11	Group2	60-GHz-Band Phased Array Antenna for Mobile Terminal Application	YOSHIDA Satoshi	Kagoshima univ.	先端	ミリ波アンテナ／実装技術／5G
2-P11	Poster data only	R03/A13	Group2	Demonstration of Remote Manipulation with Low-Delay on Photonic-based Access Networks	1)YOSHIMOTO Naoto, TOKUCHI Sakura, YU Hongli, 2)IWATSUKI Katsumi, 3)OTSUJI Taiichi	1)Chitose Institute of Science and Technology, 2)ROEC Tohoku Univ. 3)RIEC	先端	光通信／アクセスネットワーク／低遅延／低消費電力
2-P12	Poster data only	R03/A27	Group2	Investigation of contactless power transmission in a long distance	ITO Shinnosuke, ISHITANI Tetsushi, INAMORI Mamiko	Tokai Univ.	先端	スマート社会

Poster Presenters List ／ ポスター発表者一覧

poster No	Poster	Grant No	Sub Theme	Presentation title	Presenter	Affiliated Institution	Type	Keywords
3-S01	Poster session(F) & Poster data	H31/A23	Group3	Designing an intelligent-tutoring robot for language problem-solving training	WANG Guan Yun	RIEC	萌芽・国際	学習支援／教育工学／人間情報／知能システム
3-S02	Poster session(F) & Poster data	R02/A27	Group3	Categorical color naming of four regions of Thailand obtained by k-means clustering	1)TOKUNAGA Rumi, 2)CHITAPANYA Nischanade, PHUANGSUWAN Chanprapha, IKEDA Mitsuo, 3)KURIKI Ichiro, 4)HATORI Yasuhiro, SHIOIRI Satoshi	1)Chiba Univ., 2)Rajamangala Univ. of Tech. Thanyaburi, 3)Saitama Univ., 4)RIEC	国際	色覚／言語解析／国際比較／知能システム
3-S03	Poster session(F) & Poster data	H31/A12	Group3	Intermediate Representation of Natural Shapes in Visual Cortical Area V4	KODAMA Atsushi, SAKAI Ko	Univ. of Tsukuba	萌芽	人間情報／視覚情報／知能システム／脳科学
3-S04	Poster session(F) & Poster data	H31/A13	Group3	Affective Communication through Face, Voice, and Touch	OYA Rika, TANAKA Akihiro	Tokyo Woman's Christian Univ.	萌芽	感情／コミュニケーション／非言語情報／音声
3-S05	Poster session(F) & Poster data	R03/B06	Group3	Design of Load-Independent WPT Systems	SEKIYA Hiroo	Chiba Univ.	萌芽・先端	無線電力伝送／エネルギー／高効率／通信用電源
3-S06	Poster session(F) & Poster data	R02/A31	Group3	Toward application of a stacked 3D cyclic chaotic neural network reservoir	ORIMA Takemori, HORIO Yoshihiko	RIEC	先端	ニューラルネットワーク／リザバー計算／三次元集積回路／カオスニューロン
3-S07	Poster session(S) & Poster data	R02/B11	Group3	Development for automation of crows' behavior control method using vocal communication	1)TSUKAHARA Naoki, NAGATA Ken, 2)SUEDA Koh, 3)SATO Takashi, 4)KITAMURA Yoshifumi	1)CrowLab Inc., 2)SENSEFOIL PTE. LTD., 3)IHI Corp., 4)RIEC	萌芽・国際・産学	動物行動／音声／環境／自動化
3-S08	Poster session(S) & Poster data	R03/A15	Group3	Reconfigurable Head-Mounted Displays Enabling Real-world Interactions	KIYOKAWA Kiyoshi	Nara Institute of Science and Technology	国際	Virtual Reality / Mixed Reality / Augmented Reality / HMD
3-S09	Poster session(S) & Poster data	R03/A17	Group3	A Study on the Possible Causes of Sound Image Separation with One Ear Occluded	TAKAI Saaya, MORIKAWA Daisuke	Toyama Pref. Univ.	先端・国際	空間音響／聴覚／頭部伝達関数／単耳
3-S10	Poster session(S) & Poster data	R03/A16	Group3	Directional selectivity of auditory time-to-contact estimation	TERAOKA Ryo	Kumamoto Univ.	萌芽・先端	聴覚空間知覚／心理音響学／距離知覚
3-S11	Poster session(S) & Poster data	R03/B10	Group3	Estimating objective discomfort due to VR sickness using detection of core body temperature fluctuations	YUDA Emi	Center for Data-driven Science and Artificial Intelligence Tohoku Univ.	萌芽	IoT
3-S12	Poster session(S) & Poster data	R03/B11	Group3	An investigation of appearance ratio of aphantasia (people with weak imagery)	1)TAKAHASHI Junichi, 2)SAITO Godai, 3)OMURA Kazufumi, 4)YASUNAGA Daichi, 5)SUGIMURA Shinichiro, 6)SAKAMOTO Shuichi, 7)HORIKAWA Tomoyasu, 8)GYOBA Jiro	1)Fukushima Univ., 2)Tohoku Univ., 3)Yamagata Univ., 4)Kanazawa Univ., 5)Hiroshima Univ., 6)RIEC, 7)NTT Communication Science Laboratories, 8)Shokei Gakuin Univ.	萌芽	アファンタジア／心的イメージ／視覚イメージ／認知スタイル
3-S13	Poster session(S) & Poster data	R03/A29	Group3	Magnetic properties and substructure of samples prepared from Fe-Ga alloy single crystals	1)SUZUKI Shigeru, 2)CHIBA Masaki, 3)TANNO Takenori, 3)ABE Maho, 4)HASHI Shuichiro, 3)ISHIYAMA Kazushi	1)μSIC Tohoku Univ., 2)IMRAM Tohoku Univ., 3)RIEC, 4)Tohoku Gakuin Univ.	先端	IoT／Fe-Ga合金単結晶／磁歪材料／下部組織
3-P01	Poster data only	R02/A29	Group3	Influence of technical ear training on auditory spatial attention	KIM Sungyoung, SATO Rai	Rochester Institute of Technology	萌芽・国際	Auditory training / Auditory spatial attention / Plasticity / Metabus
3-P02	Poster data only	R03/A14	Group3	Mixed Reality for IoT and Robotics: Opportunities and Challenges for Immersive Human-Robot Interaction	SUZUKI Ryo	Univ. of Calgary	国際	IoT
3-P03	Poster data only	R03/A32	Group3	CMOS analog neural network for edge computing	SATO Shigeo	RIEC	先端・国際	脳型計算／ニューラルネットワーク／LSI／エッジコンピューティング
3-P04	Poster data only	R02/A30	Group3	Tactile sensitivity modulation based on visually induced expectation of tactile stimuli	1)HATORI Yasuhiro, 2)ISHII Kei	1)RIEC, 2)National Institute of Advanced Industrial Science and Technology	若手	知能システム
3-P05	Poster data only	H31/A28	Group3	Propagation attenuation of standing user for directional WBAN	AKIMOTO Kohei, FUKUI Renta	Akita Prefectural Univ.	萌芽	ワイヤレス通信／ミリ波／アンテナ／人体領域通信
3-P06	Poster data only	R02/A19	Group3	Creation of Multi-Layer Circuit Board by Hot Stamping with 3D Printer	IMAI Yuhei, MANABE Hiroyuki	Shibaura Institute of Technology	萌芽	センサ／電子回路／IoT／3Dプリンタ
3-P07	Poster data only	R03/A28	Group3	Effect of cognitive immobilization on peripersonal space representation	KURODA Naoki, NARUSE Kaori, TERAMOTO Wataru	Kumamoto Univ.	萌芽・先端	知覚／空間知覚／多感覚相互作用／VR
3-P08	Poster data only	R02/A13	Group3	Ultra lowlatency video coding with reduced frame memory structure for high resolution image sensing	1)MATSUMURA Tetsuya, 2)OTSUJI Taiichi	1)Nihon Univ., 2)RIEC	先端	高精細画像／動画像符号化／低遅延／エッジコンピューティング
3-P09	Poster data only	R02/A32	Group3	Effects of Visually Induced Self-Motion on Sound Localization Accuracy	1)HONDA Akio, 2)MAEDA Kei, SAKAMOTO Shuichi, SUZUKI Yôiti	1)Shizuoka Institute of Science and Technology, 2)RIEC	先端	音像定位／音空間知覚／自己運動感覚／多感覚統合
3-P10	Poster data only	R02/B07	Group3	Human / Social Sensing Infrastructure by Heterogeneous Data Fusion	1)OKABE Yasuo, 2)YASUMOTO Keiichi, 3)YOSHIHIRO Takuya, 4)HIGASHINO Teruo, 5)KITAGAMI Shinji, 6)WATANABE Takashi, 7)ARAKAWA Yutaka	1)Kyoto Univ., 2)NAIST, 3)Wakayama Univ., 4)Kyoto Tachibana Univ., 5)Fukui Univ of Technology, 6)Osaka Univ., 7)Kyushu Univ.	先端	センシング／IoT／スマート社会
3-P11	Poster data only	R03/A30	Group3	Effects of body vibration generated by audio-visual signal on perceived reality in multimodal content	1)YAMATAKA Masahiro, 2)ABE Shota, SAKAMOTO Shuichi, 3)SUZUKI Yôiti	1)Aichi University of Technology, 2)RIEC, 3)Tohoku Bunka Gakuen University	先端	臨場感／迫真性／感性評価／振動
3-P12	Poster data only	R02/A20	Group3	Fabrication of micropatterned neuronal networks on multielectrode array devices	SATO Yuya	RIEC	大型	知能システム
4-S01	Poster session(F) & Poster data	R02/B12	Group4	Challenge of Brainware LSI for AIoT Applications	HANYU Takahiro	RIEC	萌芽・国際	nonvolatile logic / power gating / logic-in-memory / reconfigurable
4-S02	Poster session(F) & Poster data	H31/A24	Group4	Improving Throughput Fairness on Heterogeneous Environment of Internet Congestion Control	UTSUMI Satoshi	Fukushima Univ.	先端	インターネット／プロトコル／性能評価／輻輳制御
4-S03	Poster session(F) & Poster data	R03/A22	Group4	Software implementation of authenticated encryption for IoT devices	1)FUJII Tomoya, OGUMA Hiroshi, 2)HOMMA Naofumi	1)NIT, Toyama, 2)RIEC	先端	IoT
4-S04	Poster session(F) & Poster data	R02/U01	Group4	Body posture analysis for the classification of classroom scenes	1)HATORI Yasuhiro, 2)NAKAJIMA Taira, WATABE Shinichi	1)RIEC, 2)Graduate School of Education, Tohoku Univ.	Urgent	画像処理／注意／姿勢／機械学習／教育
4-S05	Poster session(S) & Poster data	R03/B09	Group4	Differential contributions of the monkey cortical areas to the performance of a spatial working memory task revealed by functional disturbance using rTMS	NAKAMURA Shinya, TSUTSUI Ken-Ichiro	Graduate School of Life Sciences, Tohoku Univ.	国際	サル／空間作業記憶／大脳皮質／経頭蓋磁気刺激
4-S06	Poster session(S) & Poster data	R03/A21	Group4	Numerical Representation of DNS Queries for Cybersecurity	1)SATOH Akihiro, 2)KITAGATA Gen, 1)NAKAMURA Yutaka	1)Kyushu Institute of Technology, 2)RIEC	萌芽	サイバーセキュリティ／ネットワーク運用／ドメインネームシステム
4-S07	Poster session(S) & Poster data	R03/A23	Group4	Development of Autonomous Drones for Locating Survivors after a Disaster	UCHIYA Takahiro	Nagoya Institute of Technology	先端	ドローン／災害時支援／ロボット制御／負傷者発見
4-S08	Poster session(S) & Poster data	R03/B12	Group4	Toward Sustainable IoT Systems - Acoustic Sensing Approach	ISHIDA Shigemi	Future Univ. Hakodate	先端	ユビキタス/サステイナブル/社会インフラ/センシング
4-S09	Poster session(S) & Poster data	R03/U02	Group4	Cross-Cultural Comparison of facial expression databases	1)Kaminosono Shougo, Chia-Huei Tseng, SHIOIRI Satoshi, 2)Chien-Chung Chen	1)RIEC, 2)National Taiwan University	Urgent	人間情報／視覚情報／知能システム／脳科学
4-P01	Poster data only	R02/A23	Group4	Low-cost and Power-free Interfaces That Extend Input Vocabulary of Touch Devices	1)TSUCHIDA Taichi, FUJITA Kazuyuki, 2)SARCAR Sayan	1)RIEC, 2)Birmingham City Univ.	若手	スマート社会
4-P02	Poster data only	R02/A21	Group4	An accurate measuring method of pinna shape using optical scanner	1)ITO Masashi, 2)SATO Naoyuki, 3)SAKAMOTO Shuichi	1)Tohoku Institute of Technology, 2)Future Univ. Hakodate, 3)RIEC	萌芽	知能システム／空間音響／頭部伝達関数／3D曲面
4-P03	Poster data only	R03/B08	Group4	Application of Evolutionary Computation to Machine Learning	JIN'NO Kenya	Tokyo City Univ.	萌芽・先端	知能システム
4-P04	Poster data only	H31/B09	Group4	New development of practical research on microwave and laserbased synthetic aperture radar	1)KOGI Yuichiro, 2)IKEZI Hiroyuki, 3)MASE Atsushi, 4)INUTAKE Masaaki	1)Fukuoka Institute of Technology, 2)Former Kyushu Univ., 3)Kyushu Univ., 4)Tohoku Univ.	先端	合成開口レーダ／レーザレーダ／レーザSAR／リモートセンシング
4-P05	Poster data only	R02/A25	Group4	Multimodal Data Flow Processing Platform for Enhancing Human Abilities	MINENO Hiroshi	Shizuoka Univ.	先端	IoT／マルチモーダルデータ／AI／人間拡張／流通処理基盤
4-P06	Poster data only	R03/A20	Group4	Neuromorphic Systems using Thin-Film Memcapacitors	KIMURA Mutsumi	Ryukoku Univ.	先端	薄膜デバイス／メムキャパシタ／ニューラルネットワーク／ニューロモーフィックシステム
4-P07	Poster data only	H31/B18	Group4	BESS Aided Renewable Energy Supply using Deep Reinforcement Learning for 5G and Beyond	SHAO Xun	Kitami Institute of Technology	先端	DQN / 5G base station / renewable energy / back up energy storage system
5-P01	Poster data only	‒	Group5	Industry-University Collaboration of Tohoku University	SHIMIZU Kazunori, MORI Ayaka	Head Office of Enterprise Partnerships	学内関連部局	‒
5-P02	Poster data only	‒	Group5	災害に強い情報通信インフラの開発・実証拠点の形成	山田 博仁	電気通信研究機構	学内関連部局	‒
5-P03	Poster data only	‒	Group5	IIS研究センターの産学連携活動	五十嵐 絵美	情報知能システム(IIS)研究センター	学内関連部局	画像処理／自動化／IoT
5-P04	Poster data only	‒	Group5	Activities of Center for Spintronics Research Network in Tohoku University	MIZUKAMI Shigemi	Center for Spintronics Research Network	学内関連部局	‒
5-P05	Poster data only	‒	Group5	International industry-academic collaboration (CIES consortium): Innovative integrated electronic technologies from materials/equipment/devices to LSI/software/system for IoT/AI to automotive and space	ENDOH Tetsuo	Center for Innovative Integrated Electronics Systems	学内関連部局	‒
5-P06	Poster data only	‒	Group5	Judging the value of information for prioritization of Yotta scale data - Advanced Institute for Yotta Informatics -	SATO Yoshiyuki	Addvanced Institute of Yotta Informatics	学内関連部局	‒