Session Schedule

Date/Time	Ballroom Salon I	Ballroom Salon II	Ballroom Salon III	Milo III
March 1, 9:00–10:40	Neural Networks 1AM1-1:	Speech Processing (1) 1AM1-2:	Image Recognition 1AM1-3:	[Special Session] Communication Network Sciences and Engineering 1AM1-4:
March 1, 11:00–12:00	Invited Talk			
March 1, 13:20–15:20	Analog Circuit Design 1PM1-1:	Speech Analysis and Its Application (1) 1PM1-2:	Image Processing 1PM1-3:	Communication Technologies (1) 1PM1-4:
March 1, 15:40–17:40	Synchronization and Bifurcation (1) 1PM2-1:	Speech Analysis and Its Application (2) 1PM2-2:	Data Analysis 1PM2-3:	Optimization 1PM2-4:
March 2, 08:20–09:40	Data Mining 2AM1-1:	[Special Session] Advanced Data Processing for Watching Over People (1) 2AM1-2:	Super-resolution 2AM1-3:	[Special Session] Information Network Technologies 2AM1-4:
March 2, 10:00–11:40	Adaptive Systems 2AM2-1:	Speech Processing (2) 2AM2-2:	3D Image Processing 2AM2-3:	Communication Technologies (2) 2AM2-4:
March 2, 12:50–14:10	Synchronization and Bifurcation (2) 2PM1-1:	Speech Analysis (1) 2PM1-2:	Intelligent Transport Systems 2PM1-3:	Cognitive Radio and Positioning 2PM1-4:
March 2, 14:30–15:50	Measurements (1) 2PM2-1:	Speech Analysis (2) 2PM2-2:	Human Communication (1) 2PM2-3:	Communication Technologies (3) 2PM2-4:
March 3, 08:40–10:20	Coupled Oscillators 3AM1-1:	[Special Session] Advanced Data Processing for Watching Over People (2) 3AM1-2:	Human Communication (2) 3AM1-3:	Medical Systems 3AM1-4:
March 3, 10:40–12:20	Nonlinear Maps 3AM2-1:	[Special Session] Advanced Data Processing for Watching Over People (3) 3AM2-2:	Detection and Tracking 3AM2-3:	Bio-signal Processing 3AM2-4:
March 3, 13:40–15:20	Chaos Applications 3PM1-1:	[Special Session] Advanced Data Processing for Watching Over People (4) 3PM1-2:	Watermarking 3PM1-3:	Network Systems 3PM1-4:
March 3, 15:40–17:20	Measurements (2) 3PM2-1:	[Special Session] Advanced Data Processing for Watching Over People (5) 3PM2-2:		Sensor Networks 3PM2-4:

- Registration will be opened on February 28 (16:00–18:00) at Milo III (2F)
- Registration on March 1 (8:20–17:00), 2 (8:00–15:00), and 3 (8:20–12:00) will be taken at the front of Ballroom Salon (3F)
- Banquet
  - Buses leave from the exit near the 1F tour lobby of Paoakalani Tower (16:30–)
  - Banquet will be held on March 2 (17:30–19:45) on a ship (Cruise ship leaves Aloha Tower Market Place)
- Farewell party & Student paper award ceremony will be held on March 3 (18:00–) at Pualeilani Terrace

Advanced Program (2014/2/18)

1AM1-1: Neural Networks

Date: March 1, 9:00–10:40
Room: Ballroom Salon I
Chair: Atsuo Suemitsu (JAIST)

1AM1-1-1 **Performance of Chaotic Break in Searching Hopfield Neural Networks** 1

Daisuke Ozasa (Matsue College of Technology), Hironori Kumeno (Matsue College of Technology)

1AM1-1-2 **Polygonal Structure Model of Ring Inhibitory Neural Network** 5

Yuki Shoji (Tokushima University), Yoko Uwate (Tokushima University), Yoshifumi Nishio (Tokushima University)

1AM1-1-3 **Extraction of Intermediate Brightness by CNN Using Two Kinds of Cloning Templates** 9

Yoshio Nakayama (Shikoku University), Yasuteru Hosokawa (Shikoku University), Yoshifumi Nishio (Tokushima University), Naomi Suzuki (Shikoku University)

1AM1-1-4 **A Fuzzy Neural Network Structure for Pattern Recognition** 13

Haomiao Lin (Waseda University), Molin Jia (Waseda University), Kui-Ting Chen (Waseda University), Takaaki Baba (Waseda University)

1AM1-1-5 **Direct Method for Solving Minimum Cut Problem by Using Maximum-Flow Neural Network** 17

Masatoshi Sato (Tokyo Metropolitan University), Hisashi Aomori (Chukyo University), Mamoru Tanaka (Sophia University)

1AM1-2: Speech Processing (1)

Date: March 1, 9:00–10:40
Room: Ballroom Salon II
Chair: Shingo Kuroiwa (Chiba University)

1AM1-2-1 **An Approach to Blind Source Separation Based on Rotation of Joint Distribution of Observed Mixture Signals** 21

Takaaki Ishibashi (Kumamoto National College of Technology), Yusuke Tajiri (Kumamoto National College of Technology), Katsuhiro Inoue (Kyushu Institute of Technology), Hiromu Gotanda (Kinki University)

1AM1-2-2 **Efficient Chord Sequence Recognition Using Source Separation with Reduction** 25

Shunsuke Takahashi (Tokyo Denki University), Shigeo Wada (Tokyo Denki University)

1AM1-2-3 **HRTFs representation based on weighting coefficients of the SENZI microphone array system** 29

Yoshiki Satou (Tohoku University), Shuichi Sakamoto (Tohoku University), Yoiti Suzuki (Tohoku University)

1AM1-2-4 **Subjective front in horizontal sound localization of listeners: Effects of head movements and face directions** 33

Yoji Masumi (Tohoku University), Yoiti Suzuki (Tohoku University), Akio Honda (Tohoku Fukushi University), Shuichi Sakamoto (Tohoku University)

1AM1-2-5 **Study on Analyzing Individuality of Instrurment Sounds Using Non-negative Matrix Factorization** 37

Keisuke Kobayashi (JAIST), Daisuke Morikawa (JAIST), Masato Akagi (JAIST)

1AM1-3: Image Recognition

Date: March 1, 9:00–10:40
Room: Ballroom Salon III
Chair: Hideaki Orii (Kyushu Institute of Technology)

1AM1-3-1 **Scene Segmentation for TV Programs Based on a Bag-of-Visual Words Model** 41

Shota Ijiri (Kobe University), Nobutaka Kuroki (Kobe University), Tetsuya Hirose (Kobe University), Masahiro Numa (Kobe University)

1AM1-3-2 **Motion analysis of an aquarium fish using a Web camera** 45

Jun Fukumoto (Tokushima University), Kenji Terada (Tokushima University)

1AM1-3-3 **Object Tracking Algorithm Based on Supervised Decent Method** 49

Koichi Takahashi (Keio University), Yasue Mitsukura (Keio University)

1AM1-3-4 **Image Classification with Hourglass Neural Network Feature Extractor** 53

Yasuo Shimada (University of Electro-Communications), Haruhisa Takahashi (University of Electro-Communications)

1AM1-3-5 **Non-model based Defect Detection using Gradient Feature** 57

Satomi Arita (Okayama Prefectural University), Hironori Takimoto (Okayama Prefectural University), Hitoshi Yamauchi (Okayama Prefectural University), Akihiro Kanagawa (Okayama Prefectural University)

1AM1-4: [Special Session] Communication Network Sciences and Engineering

Date: March 1, 9:00–10:40
Room: Milo III
Organizer: Hiroo Sekiya (Chiba University)
Chair: Hiroo Sekiya (Chiba University)

1AM1-4-1 **Preliminary Study on LED VLC with Simple SR Receiver Using Schmitt Trigger** 61

Hitomi Yokota (Kagawa National College of Technology), Shintaro Arai (Kagawa National College of Technology), Takaya Yamazato (Nagoya University), Yukihiro Tadokoro (TOYOTA Central R&D Labs.,Inc.)

1AM1-4-2 **Evaluation of Burst Transmission for Directional Medium Access Control Protocol in Wireless Ad-hoc Networks** 65

Taichi Yamakawa (Toyohashi University of Technology), Yuichi Miyaji (Toyohashi University of Technology), Hideyuki

Uehara (Toyohashi University of Technology)

1AM1-4-3 **Connection Management of Mobile Station Using Plural Traveling Agents in Large Scale Wireless Mesh Networks** 69

Fumihisa Yamanobe (Kanagawa Institute of Technology), Takashige Inoue (Kanagawa Institute of Technology), Shigeki Shiokawa (Kanagawa Institute of Technology)

1AM1-4-4 **Location Estimation Based on Fingerprinting Technique for Two-dimensional Multi-hop Wireless Power Transfer System** 73

Shinsuke Ohtake (Toyohashi University of Technology), Akiro Shimada (Toyohashi University of Technology), Yuichi Miyaji (Toyohashi University of Technology), Hideyuki Uehara (Toyohashi University of Technology), Takashi Ohira (Toyohashi University of Technology)

1AM1-4-5 **Maximum Throughput Analysis for IEEE 802.11 String TopologyWireless Multi-hop Networks using Markov-Chain Model** 77

Kosuke Sanada (Chiba University), Hiroo Sekiya (Chiba University), Nobuyoshi Komuro (Chiba University), Shiro Sakata (Chiba University)

1PM1-1: Analog Circuit Design

Date: March 1, 13:20–15:20
Room: Ballroom Salon I
Chair: Masayuki Yamauchi (Hiroshima Institute of Technology)

1PM1-1-1 **DRDLC Generating t-Term Boolean Functions Based on DG-CNTFETs** 81

Manabu Kobayashi (Shonan Institute of Technology), Hiroshi Ninomiya (Shonan Institute of Technology), Yasuyuki Miura (Shonan Institute of Technology), Shigeyoshi Watanabe (Shonan Institute of Technology)

1PM1-1-2 **Development of a “Self-controllable Voltage Level (SVL)” Circuit to Achieve Large “Read” and “Write” Margins for a Low Supply Voltage, Six-Transistor CMOS SRAM** 85

Nobuaki Kobayashi (Chuo University), Tadayoshi Enomoto (Chuo University)

1PM1-1-3 **Digital Circuit Design of Pulse-coupled Phase Oscillator Systems for Coupled MRF Models** 89

Yasuhiro Suedomi (Kyushu Institute of Technology), Hakaru Tamukoh (Kyushu Institute of Technology), Michio Tanaka (Kyushu Institute of Technology), Kenji Matsuzaka (Kyushu Institute of Technology), Takashi Morie (Kyushu Institute of Technology)

1PM1-1-4 **Robustness to CMOS Device Mismatches of Time-domain Voltage/Current Sampling Circuits for Implementing Large-scale Coupled Nonlinear Dynamical Systems** 93

Seiji Uenohara (Kyushu Institute of Technology), Daisuke Atuti (Kyushu Institute of Technology), Kenji Matsuzaka (Kyushu Institute of Technology), Hakaru Tamukoh (Kyushu Institute of Technology), Takashi Morie (Kyushu Institute of Technology)

1PM1-1-5 **Improved Via-Programmable Structured ASIC VPEX3S and Its Evaluation** 97

Taku Otani (Ritsumeikan University), Ryohei Hori (Ritsumeikan University), Masaya Yoshikawa (Ritsumeikan University), Takeshi Fujino (Ritsumeikan University)

1PM1-1-6 **Tamper-Resistant AES Cryptographic Circuit utilizing Hybrid Masking Dual-Rail ROM** 101

Shintaro Ukai (Ritsumeikan University), Tsunato Nakai (Ritsumeikan University), Mitsuru Shiozaki (Ritsumeikan University), Takaya Kubota (Ritsumeikan University), Takeshi Fujino (Ritsumeikan University)

1PM1-2: Speech Analysis and Its Application (1)

Date: March 1, 13:20–15:20
Room: Ballroom Salon II
Chair: Masato Akagi (JAIST)

1PM1-2-1 **Study on Blind Method of Estimating Speech Transmission Index from Noisy Reverberant Amplitude-Modulated-Signals** 105

Akikazu Miyazaki (JAIST), Shota Morita (JAIST), Masashi Unoki (JAIST)

1PM1-2-2 **Study on scramble method for speech signal by using random-bit shift of quantization** 109

Zhi Zhu (JAIST), Katsuhiko Yamamoto (JAIST), Masashi Unoki (JAIST), Naofumi Aoki (Hokkaido University)

1PM1-2-3 **Design of the urgent auditory signals based on amplitude and frequency modulations** 113

Kenji Ikeda (Ritsumeikan University), Kohei Hayashida (Ritsumeikan University), Masato Nakayama (Ritsumeikan University), Takanobu Nishiura (Ritsumeikan University)

1PM1-2-4 **Sound Sources Emphasis by Using Nonnegative Matrix Factorization Based on Stereo Localization** 117

Kento Yoshida (Keio University), Yasue Mitsukura (Keio University)

1PM1-2-5 **Missing feature theory for speaker verification with short utterances** 121

Yoko Takahashi (Chiba University), Shingo Kuroiwa (Chiba University), Yasuo Horiuchi (Chiba University), Satoru Tsuge (Daido University)

1PM1-2-6 **Unsupervised Control of Speech Quality Based on Higher-Order Statistics in Musical-Noise-Free Blind Speech Extraction** 125

Yuka Hirano (Nara Institute of Science and Technology), Ryoichi Miyazaki (Nara Institute of Science and Technology), Hiromichi Kawanami (Nara Institute of Science and Technology), Hiroshi Saruwatari (Nara Institute of Science and Technology), Satoshi Nakamura (Nara Institute of Science and Technology), Tomoya Takatani (Toyota Motor Corporation)

1PM1-3: Image Processing

Date: March 1, 13:20–15:20
Room: Ballroom Salon III
Chair: Stephen Karungaru (The University of Tokushima)

1PM1-3-1 **Edge Detector Based Fast Level Decision Algorithm for Intra Prediction of HEVC** 129

Wen Shi (Tokushima University), Xiantao Jiang (Tokushima University), Tian Song (Tokushima University), Takashi Shimamoto (Tokushima University)

1PM1-3-2 **Multiple contour expansion method by CA based pixel level snakes** 133

Sho Sawada (Ritsumeikan University), Tomohiro Fujita (Ritsumeikan University), Kaihei Iwanaga (Ritsumeikan University), Takeshi Kumaki (Ritsumeikan University), Mamoru Nakanishi (NTT Microsystem Integration Laboratories), Takeshi Oura (Ritsumeikan University)

1PM1-3-3 **L2 Decomposition of Adaptive Directional Morphological Wavelet Transform** 137

Tatsuki Tokunaga (Ritsumeikan University), Yuri Tanito (Ritsumeikan University), Takeshi Kumaki (Ritsumeikan University), Tomohiro Fujita (Ritsumeikan University), Takeshi Ogura (Ritsumeikan University)

1PM1-3-4 **Cellular Neural Network with Preference Theory for Image Processing** 141

Tatsuya Masuoka (Tokushima University), Kazushige Natsuno (Tokushima University), Yoko Uwate (Tokushima University), Yoshifumi Nishio (Tokushima University)

1PM1-3-5 **FPGA-based Design for Motion-Vector Estimation exploiting High-Speed imaging and its Application to Machine Learning** 145

Masafumi Mori (Hokkaido University), Toshiyuki Itou (Hokkaido University), Masayuki Ikebe (Hokkaido University), Tetsuya Asai (Hokkaido University), Tadahiro Kuroda (Keio University), Masato Motomura (Hokkaido University)

1PM1-3-6 **A Performance Comparison of Some Image Denoising Methods** 149

Maya Shimozaki (Saitama University), Chong Yi (Saitama University), Tetsuya Shimamura (Saitama University)

1PM1-4: Communication Technologies (1)

Date: March 1, 13:20–15:20
Room: Milo III
Chair: Shigenobu Sasaki (Niigata University)

1PM1-4-1 **Soft-input and output Decoding using Minimum Distance Search for Reed-Solomon Codes** 153

Yoshia Bandoh (The University of Tokushima), Hitosh Tokushigei (Kumamoto Gakuen University), Kazuhiro Morita (The University of Tokushima), Masao Fuketa (The University of Tokushima), Jun-ichi Aoe (The University of Tokushima)

1PM1-4-2 **Zero-Cross-Correlation Properties of Generalized Mutually Orthogonal ZCZ Sequence Sets** 157

Hideyuki Torii (Kanagawa Institute of Technology), Daichi Kawasaki (Kanagawa Institute of Technology), Takahiro Matsumoto (Yamaguchi University), Makoto Nakamura (Kanagawa Institute of Technology)

1PM1-4-3 **An Improvement in Performance of a Gradient Descent Bit Flipping Algorithm** 161

Jun Asatani (Okayama University of Science), Hiroaki Kawanishi (Okayama University of Science), Hitoshi Tokushige (Kumamoto Gakuen University), Kengo Katayama (Okayama University of Science)

1PM1-4-4 **Influence of Scintillation and Back-ground Noise on the Optical LDGM-BPPM with Unequal Transmission Power Allocation Scheme** 165

Kyohei Sumikawa (Ibaraki University), Hiromasa Habuchi (Ibaraki University)

1PM1-4-5 **On the Non-coherent Delay Lock Loop for M-ary/Spread-Spectrum system** 169

Masaya Yamagata (Ibaraki University), Hiromasa Habuchi (Ibaraki University)

1PM1-4-6 **Bit-Labeling Optimization for BICSM-ID with Doped Accumulator over Correlated Channel** 173

Shosuke Nakamura (Tokyo City University), Tadatomo Sato (Tokyo City University)

1PM2-1: Synchronization and Bifurcation (1)

Date: March 1, 15:40–17:40
Room: Ballroom Salon I
Chair: Masahiro Wada (Konan University)

1PM2-1-1 **Chaotic Circuit Using a Colpitts Oscillator and a Resonator** 177

Hayato Amo (Shikoku University), Yasuteru Hosokawa (Shikoku University), Yoshifumi Nishio (Tokushima University)

1PM2-1-2 **Synchronization Phenomena in Chaotic Circuit with Stochastically Coupling** 181

Toshiaki Nishiumi (Tokushima University), Yoko Uwate (Tokushima University), Yoshifumi Nishio (Tokushima University)

1PM2-1-3 **Synchronization Phenomena of Two Chaotic Oscillators with Shifting Input Wave** 185

Yoshinori Doike (Tokushima University), Yoko Uwate (Tokushima University), Yoshifumi Nishio (Tokushima University), Jingmin Xin (Xi'an Jiaotong University)

1PM2-1-4 **Dynamical Effect of Border-Collision Bifurcation in an Interrupted Electric Circuit with Two Periodic External Forces** 189

Yutaka Izumi (Oita University), Hiroyuki Asahara (Fukuoka University), Takuji Kousaka (Oita University)

1PM2-1-5 **A Simple Stability Analysis Method for Period-1 Solution in Stick-Slip Vibration** 193

Takayuki Fujii (Oita University), Naohiko Inaba (Meiji University), Takuji Kousaka (Oita University)

1PM2-1-6 **Influence of a secondarily slow time scale on canards and Hopf bifurcations in a singularly perturbed system** 197

Takahiro Kodama (Kyoto University), Shinji Doi (Kyoto University)

1PM2-2: Speech Analysis and Its Application (2)

Date: March 1, 15:40–17:40
Room: Ballroom Salon II
Chair: Satoru Tsuge (Daido University)

1PM2-2-1 **Study on semi-scramble method for speech signals based on phonemic restoration** 201

Katsuhiko Yamamoto (JAIST), Zhi Zhu (JAIST), Masashi Unoki (JAIST), Naofumi Aoki (Hokkaido University)

1PM2-2-2 **Speech Dereverberation with the High Similarity Room Impulse Response** 205

Taiki Minai (Ritsumeikan University), Kohei Hayashida (Ritsumeikan University), Masato Nakayama (Ritsumeikan University), Takanobu Nishiura (Ritsumeikan University)

1PM2-2-3 **Study on the Analysis and Synthesis of Human Voice Based on the Multi-dimensional Characteristic Using RBFNN** 209

Atsushi Akaike (Meiji University), Keisuke Karijuku (Meiji University), Yuji Kageyama (Meiji University), Naohiro Kawamura (Meiji University), Tomohisa Okawa (Meiji University), Shun Kadoi (Meiji University), Kyohei Kamiyama (Meiji University), Hiroyuki Kamata (Meiji University)

1PM2-2-4 **Study on the Vocal Cords Fluctuation of Human Voice and its Reconstruction** 213

Tomohisa Okawa (Meiji University), Keisuke Karijuku (Meiji University), Atsushi Akaike (Meiji University), Yuji Kageyama (Meiji University), Naohiro Kawamura (Meiji University), Shun Kadoi (Meiji University), Kyohei Kamiyama (Meiji University), Hiroyuki Kamata (Meiji University)

1PM2-2-5 **Study on the Reconstruction of the Frequency Characteristics of Real Speech using Radial Basis Function Network** 217

Yuji Kageyama (Meiji University), Atsushi Akaike (Meiji University), Naohiro Kawamura (Meiji University), Tomohisa Okawa (Meiji University), Shun Kadoi (Meiji University), Kyohei Kamiyama (Meiji University), Keisuke Karijuku (Meiji University), Hiroyuki Kamata (Meiji University)

1PM2-3: Data Analysis

Date: March 1, 15:40–17:40
Room: Ballroom Salon III
Chair: Hironori Kumeno (Matsue college of technology)

1PM2-3-1 **Design of filter based on the Covariance Structure Analysis** 221

Shoko Matsuno (Sophia University), Tanaka Mamoru (Sophia University)

1PM2-3-2 **Application of the Nonlinear Portfolio Model to Foreign Exchange Trading** 225

Hirotake Wachi (Ibaraki University), Satoshi Inose (Ibaraki University), Atsushi Kannari (MS & AD Insurance Group Holdings), Tomoya Suzuki (Ibaraki University)

1PM2-3-3 **Automated Trading System Using the Nonlinear Portfolio Model Implemented by Matlab and MetaTrader** 229

Thanh Tat Vu (Ibaraki University), Satoshi Inose (Ibaraki University), Tomoya Suzuki (Ibaraki University)

1PM2-3-4 **Selection of reliable control points for constructing personalized physiological articulatory models** 233

Nana Nishimura (JAIST), Shin-ichi Kawamoto (JAIST), Jianwu Dang (JAIST), Kiyoshi Honda (Tianjin University)

1PM2-3-5 **Sound Quality Improvement of Low Bit Rate Coded Audio Signals with Nonlinear Functions** 237

Tetsutaro Yoshino (Kyushu Institute of Technology), Yasushi Sato (Kyushu Institute of Technology), Hakaru Tamukoh (Kyushu Institute of Technology), Takashi Morie (Kyushu Institute of Technology)

1PM2-3-6 **Fuzzy Prediction Model of Solar Radiation Using Leveled Sunshine Duration** 241

Yuta Tagami (The University of Tokushima), Takashi Yasuno (The University of Tokushima), Takahiro Kitajima (The University of Tokushima)

1PM2-4: [Optimization

Date: March 1, 15:40–17:40
Room: Milo III
Chair: Hiroyuki Sato (The University of Electro-Communications)

1PM2-4-1 **Study on Adiabatic Quantum Computation in Functional Numerical Gradient Estimation Problem** 245

Shigeru Nakayama (Kagoshima University)

1PM2-4-2 **Optimization in Allocating Goods to Shop Shelves Utilizing Genetic Algorithm - An Application to the Shop Shelves for Yogurt Sales data-** 249

KazuhiroTakeyasu (Tokoha University), Yuki Higuchi (Setsunn University), Mihiro Nakatuka (Tokoha University)

1PM2-4-3 **A Hybrid Method for Forecasting Utilizing Genetic Algorithm in the Case of Processed Cooked Rice** 253

Yuki Higuchi (Setsunan University), Hiromasa Takeyasu (Kagawa Junior College), Kazuhiro Takeyasu (Tokoha University)

1PM2-4-4 **A Particle Swarm Optimization with Multi-Swarm Strategy for Vehicle Routing Problem** 257

Kui-Ting Chen (Waseda University), Haomiao Lin (Waseda University), Molin Jia (Waseda University), Takaaki Baba (Waseda University)

1PM2-4-5 **Solar Energy Scheduling of Home Power Consumption based on PSO for Reducing Peak-to-Average Ratio** 261

Yibo Liang (Waseda University), Kui-Ting Chen (Waseda University), Molin Jia (Waseda University), Takaaki Baba (Waseda University)

1PM2-4-6 **A Study on Distribution Control of Search Directions in Evolutionary Multi-Objective Optimization** 265

Hiroyuki Sato (The University of Electro-Communications)

2AM1-1: Data Mining

Date: March 2, 8:20–9:40
Room: Ballroom Salon I
Chair: Manabu Kobayashi (Shonan Institute of Technology)

2AM1-1-1 **Incremental Learning Face Recognition System Using LDA with ISPCA** 269

Yusuke Niwa (Tokyo Denki University), Shigeo Wada (Tokyo Denki University)

2AM1-1-2 **Auto Kernel Parameter Tuning of KSC for Video Category Classification** 273

Taiyo Mineo (University of Electro-Communications), Haruhisa Takahashi (University of Electro-Communications)

2AM1-1-3 **Long and Short Strategy Based on the Nonlinear DCC Portfolio Model** 277

Satoshi Inose (Ibaraki University), Tomoya Suzuki (Ibaraki University), Kazuo Yamanaka (Ibaraki University)

2AM1-1-4 **A Proposal of Hybrid Electromagnetism-like Mechanism Method** 281

Hirofumi Miyajima (Kagoshima University), Noritaka Shigei (Kagoshima University), Hiromi Miyajim (Kagoshima University)

2AM1-2: [Special Session] Advanced Data Processing for Watching Over People (1)

Date: March 2, 8:20–9:40
Room: Ballroom Salon II
Organizer: Satoshi Suzuki (Tokyo Denki University), Satoru Suzuki (Kagawa University) and Yasue Mitsukura (Keio University)
Chair: Satoshi Suzuki (Tokyo Denki University)

2AM1-2-1 **Comparison of Pooling Methods in a Deep Neural Network** 285

Daiki Konishi (The University of Tokushima), Momoyo Ito (The University of Tokushima), Shinichi Ito (The University of Tokushima), Minoru Fukumi (The University of Tokushima)

2AM1-2-2 **Personal authentication system by using Kinect** 289

Tomoaki Chika (The University of Tokushima), Momoyo Ito (The University of Tokushima), Shin-ichi Ito (The University of Tokushima), Minoru Fukumi (The University of Tokushima)

2AM1-2-3 **Close-range-viewing avoidance system for VDT users using built-in camera** 293

Masato Nakai (Nihon University), Kouhei Tsuruoka (Nihon University), Takeshi Toda (Nihon University), Xinxin Liu (National Institute of Occupational Safety and Health)

2AM1-2-4 **A correct posture keeping assist system for VDT Operation using built-in camera** 297

Yu Moriya (Nihon University), Kohei Tsuruoka (Nihon University), Takeshi Toda (Nihon University), Xinxin Liu (National Institute of Occupational Safety and Health)

2AM1-3: Super-resolution

Date: March 2, 8:20–9:40
Room: Ballroom Salon III
Chair: Taiki Fuji (Keio university) and Satoru Suzuki (Kagawa University)

2AM1-3-1 **Architecture of Digital Zooming Function with Example-Based Hierarchical Super-Resolution** 301

Yuki Sugahara (Kobe University), Kento Tsuchikawa (Kobe University), Nobutaka Kuroki (Kobe University), Tetsuya Hirose (Kobe University), Masahiro Numa (Kobe University)

2AM1-3-2 **Intra-Frame Super-Resolution method via Mixed l_0/l_1 Norm Minimization** 305

Kazuma Shimada (Tokyo University of Science), Katsumi Konishi (Kogakuin University), Kazunori Uruma (Tokyo University of Science), Tomohiro Takahashi (Tokyo University of Science), Toshihiro Furukawa (Tokyo University of Science)

2AM1-3-3 **Two-Layered Adaptive Cycle Spinning Cellular Neural Network for Image Resolution Enhancement** 309

Kei Chiba (Tamagawa University), Tsuyoshi Otake (Tamagawa University), Hisashi Aomori (Chukyo University), Nobuaki Takahashi (IBM Japan, Ltd.), Mamoru Tanaka (Sophia University)

2AM1-3-4 **Image Enhancement using High Frequency Subband Interpolation via Cellular Neural Network** 313

Takuya Monobe (Tamagawa University), Tsuyoshi Otake (Tamagawa University), Hisashi Aomori (Chukyo University), Nobuaki Takahashi (IBM Japan, Ltd.), Mamoru Tanaka (Sophia University)

2AM1-4: [Special Session] Information Network Technologies

Date: March 2, 8:20–9:40
Room: Milo III
Organizer: Masaki Hanada (Tokyo University of Information Sciences) and Hidehiro Kanemitsu (Waseda University)
Chair: Hidehiro Kanemitsu (Waseda University)

2AM1-4-1 **A Resource Information Propagation Scheme for Job Execution in a Peer-to-Peer Network** 317

Hidehiro Kanemitsu (Waseda University), Masaki Hanada (Tokyo University of Information Sciences)

2AM1-4-2 **P2P Streaming Method considering Playback Deadline and Piece Distribution** 321

Masaki Hanada (Tokyo University of Information Sciences), Yuuki Ishida (Tokyo University of Information Sciences), Hidehiro Kanemitsu (Waseda University)

2AM1-4-3 **Reducing the Number of Exposed Nodes in IEEE 802.11 Ad Hoc Network by Changing Transmission Rate of RTS** 325

Akihisa Matoba (Tokyo University of Information Sciences), Masaki Hanada (Tokyo University of Information Sciences), Hidehiro Kanemitsu (Waseda University), Moo Wan Kim (Tokyo University of Information Sciences)

2AM1-4-4 **Available Bandwidth Estimation Method using Delay Information** 329

Yuuki Ishida (Tokyo University of Information Sciences), Masaki Hanada (Tokyo University of Information Sciences), Hidehiro Kanemitsu (Waseda University)

2AM2-1: Adaptive Systems

Date: March 2, 10:00–11:40
Room: Ballroom Salon I
Chair: Pradeep Abeygunawardhana (Kagawa University)

2AM2-1-1 **Study on Linguistic Information Contained in Temporal Amplitude Envelope of Japanese Speech Signals**

Yasutaka Nishino (JAIST), Ryota Miyauchi (JAIST), Masashi Unoki (JAIST)

2AM2-1-2 **Extracting Interest Using EEG and Development of Recording Device** 337

Mikito Ogino (Keio University), Yasue Mitsukura (Keio University), Saori Morishita (Dentsu Science Jam Inc.), Toshitaka Kamiya (Dentsu Science Jam Inc.)

2AM2-1-3 **Remote Control Characteristics for Mobile Robot with Semi-Autonomous Control Based on Collision Danger-Degree** 341

Takahiro Nagai (The University of Tokushima), Takashi Yasuno (The University of Tokushima), Akinobu Kuwahara (The University of Tokushima)

2AM2-1-4 **Adaptive Cooperation Algorithm in Scramble Crossing Simulation** 345

Hiroshi Igarashi (Tokyo Denki University), Kazunari Takahashi (Saitama University)

2AM2-1-5 **Adapting Algorithm for Multiple Robots by Imitation of Strategy and Retention of Variety** 349

Takafumi Suzuki (Tokyo Denki University), Hiroshi Igarashi (Tokyo Denki University)

2AM2-2: Speech Processing (2)

Date: March 2, 10:00–11:40
Room: Ballroom Salon II
Chair: Chiyomi Miyajima (Nagoya University)

2AM2-2-1 **Sparseness-based 2ch Blind Speech Separation Using Mean Shift Clustering** 353

Yusuke Tajiri (Kumamoto National College of Technology), Takaaki Ishibashi (Kumamoto National College of Technology)

2AM2-2-2 **Danger sound detection based on integrated acoustic model with the optimum states** 357

Asako Okamoto (Ritsumeikan University), Kohei Hayashida (Ritsumeikan University), Masato Nakayama (Ritsumeikan University), Takanobu Nishiura (Ritsumeikan University)

2AM2-2-3 **A Scene Matching Method for TV Programs Based on Audio Features** 361

Junki Oura (Kobe University), Nobutaka Kuroki (Kobe University), Masahiro Numa (Kobe University), Tetsuya Hirose (Kobe University)

2AM2-2-4 **Semi-blind multiple speech extraction under diffuse noise condition for smart posterboard** 365

Shunsuke Nakai (Nara Institute of Science and Technology), Ryoichi Miyazaki (Nara Institute of Science and Technology), Hiromichi Kawanami (Nara Institute of Science and Technology), Hiroshi Saruwatari (Nara Institute of Science and Technology), Satoshi Nakamura (Nara Institute of Science and Technology)

2AM2-2-5 **Multimodal Blind Speech Extraction Using Image Tracking in Binaural Hearing-Aid System** 369

Kotaro Yoshie (Nara Institute of Science and Technology), Hiroshi Saruwatari (Nara Institute of Science and Technology), Satoshi Nakamura (Nara Institute of Science and Technology)

2AM2-3: 3D Image Processing

Date: March 2, 10:00–11:40
Room: Ballroom Salon III
Chair: Hironobu Fukai (Meidensha Corporation)

2AM2-3-1 **Single Image Depth Estimation From SVR and DRF** 373

Kohei Egami (University of Electro-Communications), Haruhisa Takahashi (University of Electro-Communications)

2AM2-3-2 **Object Segmentation Using 3D Information Obtained from RGB-D Sensor** 377

Toshihiro Matsumoto (Kyushu Institute of Technology), Michio Tanaka (Kyushu Institute of Technology), Hakaru Tamukoh (Kyushu Institute of Technology), Takashi Morie (Kyushu Institute of Technology)

2AM2-3-3 **A Keypoint Detector by a Depth Sensor** 381

Hirofumi Kaku (Konan University), Masahiro Tanaka, (Konan University)

2AM2-3-4 **Surface Detection in a View of a Depth Sensor** 385

Masahiro Tanaka, (Konan University)

2AM2-3-5 **Improvement of Detection Method of Surface of the Road using a Depth Sensor for an Inverted Pendulum Mobile Robot** 389

Naoki Hatakeyama (Konan University), Takayuki Matsuda (Konan University), Masahiro Takimura (Konan University), Masahiro Wada (Konan University), Masahiro Tanaka (Konan University), Tomohiro Umetani (Konan University)

2AM2-4: Communication Technologies (2)

Date: March 2, 10:00–11:40
Room: Milo III
Chair: Mai Ohta (Fukuoka University)

2AM2-4-1 **A Low Power Consumption OFDM Receiver with AutomaticWordlength Selection** 393

Daichi Sasaki (Kitami Institute of Technology), Shingo Yoshizawa (Kitami Institute of Technology), Hiroshi Tanimoto (Kitami Institute of Technology)

2AM2-4-2 **Maximum Doppler Frequency Estimation Based on Autocorrelation for MIMO systems** 397

Kazunari Ohkuma (Tottori Universit), Naoto Sasaoka (Tottori Universit), Yoshio Itoh (Tottori Universit)

2AM2-4-3 **Successive Coexisting Primary Systems Detection and Band Estimation for Spectrum Sharing** 401

Kohei Ohno (Meiji University), Makoto Itami (Tokyo University of Science), Tetsushi Ikegami (Meiji University)

2AM2-4-4 **An Inter-User Interference Cancellation Precoding Method Based on Signal Subspace for MU-MIMO Downlink** 405

Seiji Nishino (Tokyo City University), Tadatomo Sato (Tokyo City University)

2PM1-1: Synchronization and Bifurcation (2)

Date: March 2, 12:50–14:10
Room: Ballroom Salon I
Chair: Yasuteru Hosokawa (Shikoku University)

2PM1-1-1 **Synchronization of Coupled Chaotic Circuits Arranged in One-dimensional Coordinate Depending on Network Structures** 409

Jun Shiomoto (Tokushima University), Yoko Uwate (Tokushima University), Thomas Ott (Zurich University of Applied Sciences), Yoshifumi Nishio (Tokushima University)

2PM1-1-2 **Bifurcation phenomena of forced Izhikevich neuron model** 413

Yuu Miino (The University of Tokushima), Daisuke Ito (The University of Tokushima), Tetsushi Ueta (The University of Tokushima)

2PM1-1-3 **Influence of Bridge on Coupled Chaotic Circuit Network** 417

Kenta Ago (Tokushima University), Yoko Uwate (Tokushima University), Yoshifumi Nishio (Tokushima University)

2PM1-1-4 **Investigation of Influence of Periodic Parameter Change to an Asymmetry Nonlinear System** 421

Shota Onishi (Matsue College of Technology), Hironori Kumeno (Matsue College of Technology)

2PM1-2: Speech Analysis (1)

Date: March 2, 12:50–14:10
Room: Ballroom Salon II
Chair: Masashi Unoki (JAIST)

2PM1-2-1 **Listening Area Expansion of Reflective Audio Spot with Curved-type Parametric Loudspeaker** 425

Shohei Masunaga (Ritsumeikan University), Daisuke Ikefuji (Ritsumeikan University), Masato Nakayama (Ritsumeikan University), Takanobu Nishiura (Ritsumeikan University)

2PM1-2-2 **Speech recognition in noisy conditions based on speech separation using Non-negative Matrix Factorization** 429

Yuxuan Du (JAIST), Masato Akagi (JAIST)

2PM1-2-3 **Robust Sound Field Reproduction against Listener ' s Movement Utlizing Image Sensor** 433

Toshihide Aketo (Nara Institute of Science and Technology), Hiroshi Saruwatari (Nara Institute of Science and Technology), Satoshi Nakamura (Nara Institute of Science and Technology)

2PM1-2-4 **Depth Estimation of Sound Images using Directional Clustering and Activation-shared Non-negative Matrix Factorization** 437

Tomo Miyauchi (Nara Institute of Science and Technology), Daichi Kitamura (Nara Institute of Science and Technology), Hiroshi Saruwatari (Nara Institute of Science and Technology), Satoshi Nakamura (Nara Institute of Science and Technology)

2PM1-3: Intelligent Transport Systems

Date: March 2, 12:50–14:10
Room: Ballroom Salon III
Chair: Shintaro Arai (Kagawa National College of Technology)

2PM1-3-1 **Use of Driver Gaze Information for Detecting Risky Lane Changes** 441

Masataka Mori (Nagoya University), Chiyomi Miyajima (Nagoya University), Takatsugu Hirayama (Nagoya University), Norihide Kitaoka (Nagoya University), Kazuya Takeda (Nagoya University)

2PM1-3-2 **Vehicle Extraction from Aerial Images Captured using an UAV** 445

Stephen Karungaru (University of Tokushima), Kenji Terada (University of Tokushima), Minoru Fukumi (University of Tokushima)

2PM1-3-3 **A System for Character Automatic Recognition of Driving Licens** 449

Ling Ma (Fast Corporation), Ren Xu (China National Aero-technology Import & Export Corporation), Huiqin Jiang (Zhengzhou University), Yumin Liu (Zhengzhou University)

2PM1-3-4 **A Study on Combining Visible Light Spread Spectrum Techniques in Vehicle-to-Vehicle Communication and Ranging Systems to Automotive Radar** 453

Akira John Suzuki (Kanto Gakuin University), Kiyoshi Mizui (Kanto Gakuin University)

2PM1-4: Cognitive Radio and Positioning

Date: March 2, 12:50–14:10
Room: Milo III
Chair: Shigeki Shiokawa (Kanagawa Institute of Technology))

2PM1-4-1 **Development of Robot Location System Using Ultrasonic Wave** 457

Tatsuma Kosaka (Kagawa National Collage of Technology), Hiroshi Suzuki (Kagawa National Collage of Technology)

2PM1-4-2 **Accuracy Improvement Method of Position Identification for Outdoors Mobile Robot Using Several Point Positioning Type GPSs** 461

Masaharu Inoue (The University of Tokushima), Takashi Yasuno (The University of Tokushima), Takahiro Kitajima (The University of Tokushima), Akinobu Kuwahara (The University of Tokushima)

2PM1-4-3 **A study on repetition of information update based on reliability of database in cognitive radio** 465

Mai Ohta (Fukuoka University), Makoto Taromaru (Fukuoka University), Osamu Takyu (Sinshu University), Takeo Fujii (Advanced Wireless Communication Research Center)

2PM1-4-4 **Quiet Period Insertion for Wireless LAN Operating over TV White Space** 469

Shigenobu Sasaki (Niigata University), Masumi Yuki (Niigata University), Nobuyuki Takahashi (Niigata University)

2PM2-1: Measurements (1)

Date: March 2, 14:30–15:50
Room: Ballroom Salon I
Chair: Takashi Yasuno (The University of Tokushima)

2PM2-1-1 **Lightweight privacy protetion in intermittent-sensing image sensor node** 473

Toshiya Honda (Ritsumeikan University), Kazuho Nakagawa (Ritsumeikan University), Yuki Yanagihara (Ritsumeikan University), Takeshi Kumaki (Ritsumeikan University), Masafumi Kimata (Ritsumeikan University), Takeshi Fujino (Ritsumeikan University)

2PM2-1-2 **Study on method of estimating direction of arrival using monaural modulation spectrum** 477

Masaru Ando (JAIST), Daisuke Morikawa (JAIST), Masashi Unoki (JAIST)

2PM2-1-3 **Impulse Response of Plant Bioelectric Potential to Illuminating Light** 481

Ki Ando (Tokyo Denki University), Yuki Hasegawa (Saitama University), Hidekazu Uchida (Saitama University), Akinori Kanasugi (Tokyo Denki University)

2PM2-2: Speech Analysis (2)

Date: March 2, 14:30–15:50
Room: Ballroom Salon II
Chair: Takaaki Ishibashi (Kumamoto National College of Technology)

2PM2-2-1 **Online Divergence Switching for Superresolution-Based Nonnegative Matrix Factorization** 485

Daichi Kitamura (Nara Institute of Science and Technology), Hiroshi Saruwatari (Nara Institute of Science and Technology), Satoshi Nakamura (Nara Institute of Science and Technology), Yu Takahashi (Yamaha Corporation), Kazunobu Kondo (Yamaha Corporation), Hirokazu Kameoka (The University of Tokyo)

2PM2-2-2 **High-Pitched Speech Analysis by System Identification Approach** 489

Shunsuke Handa (Saitama University), Tetsuya Shimamura (Saitama University)

2PM2-2-3 **Speech Enhancement with a Reversed Comb Filter in Non-Stationary Noise Environments** 493

Fumiya Kato (Saitama University), Tetsuya Shimamura (Saitama University)

2PM2-2-4 **Performance Analysis of Speech Noise Reduction Using ALE with Wavelet Packet Transform** 497

Shunsuke Fukuoka (Tokyo Denki University), Shigeo Wada (Tokyo Denki University)

2PM2-3: Human Communication (1)

Date: March 2, 14:30–15:50
Room: Ballroom Salon III
Chair: Shigeru Nakayama (Kagoshima University)

2PM2-3-1 **Estimation of visual importance map for image quality assessment** 501

Naoyuki Izumi (Kobe University), Nobutaka Kuroki (Kobe University), Tetsuya Hirose (Kobe University), Masahito Numa (Kobe University)

2PM2-3-2 **Application of the Principal Component Analysis to the Nonlinear Portfolio Model** 505

Kai Morimoto (Ibaraki University), Masahiro Saito (Ibaraki University), Satoshi Inose (Ibaraki University), Atsushi Kannari (MS & AD Insurance Group Holdings), Tomoya Suzuki (Ibaraki University)

2PM2-3-3 **Estimation of Food Appetites Using EEG** 509

Keisuke Tawada (Keio University), Koji Toyama (Saizeriya Co., Ltd.), Yutaka Ogawa (Saizeriya Co., Ltd.), Yasue Mitsukura (Keio University)

2PM2-3-4 **Glottal source analysis of emotional speech** 513

Yongwei Li (JAIST), Masato Akagi (JAIST)

2PM2-4: Communication Technologies (3)

Date: March 2, 14:30–15:50
Room: Milo III
Chair: Tadatomo Sato (Tokyo City University)

2PM2-4-1 **Estimation of Pedestrian Behavior Utilizing Probe Request Frames in Unconnected Wireless LANs** 517

Takayuki Yamakawa (Sophia University), Masakatsu Ogawa (Sophia University)

2PM2-4-2 **Study on BER Performance of Atmospheric Optical ZCZ-CDMA System Using Equal Gain Combining** 521

Takahiro Matsumoto (Yamaguchi University), Yasuaki Ohira (Yamaguchi University), Hideyuki Torii (Kanagawa Institute of Technology), Yuta Ida (Yamaguchi University), Shinya Matsufuji (Yamaguchi University)

2PM2-4-3 **Multiple Data Gathering with Frequency Conversion for Wireless Sensor Network using Frequency Hopping** 525

Shunta Sakai (The University of Electro-Communications), Tomomi Endo (The University of Electro-Communications), Takeo Fujii (The University of Electro-Communications)

3AM1-1: Coupled Oscillators

Date: March 3, 8:40–10:20
Room: Ballroom Salon I
Chair: Mamoru Tanaka (Sophia University)

3AM1-1-1 **Coupled Chaotic System Based on Shinriki-Mori Circuit** 529

Tatsuki Sobue (Shikoku University), Yasuteru Hosokawa (Shikoku University), Yoshifumi Nishio (Tokushima University)

3AM1-1-2 **Relationship between a Number of Cells and Phenomena in Cellular Neural Networks Using Three Kinds of Cloning Templates** 533

Mana Tanaka (Shikoku University), Yasuteru Hosokawa (Shikoku University), Yoshifumi Nishio (Tokushima University)

3AM1-1-3 **Investigation and Analysis of Reflection Mechanisms of Phase-InversionWaves in an In-and-Anti-Phase Synchronization on 3D Lattice Oscillators** 693

Shouhei Fujimoto (Hiroshima Institute of Technology), Masayuki Yamauchi (Hiroshima Institute of Technology)

3AM1-1-4 **Variable Transformer by Using Stacked Devices of Distortion Printed Spiral Inductors** 541

Yuji Tanada (Hiroshima Institute of Technology), Masayuki Yamauchi (Hiroshima Institute of Technology)

3AM1-1-5 **Propagation of Frustration in Three Coupled Oscillators as a Ring Topology** 545

Yoko Uwate (Tokushima University), Yosifhimi Nishio (Tokushima University), Ruedi Stoop (zInstitute of Neuroinfomatics)

3AM1-2: [Special Session] Advanced Data Processing for Watching Over People (2)

Date: March 3, 8:40–10:20
Room: Ballroom Salon II
Organizer: Satoshi Suzuki (Tokyo Denki University), Satoru Suzuki (Kagawa University) and Yasue Mitsukura (Keio University)
Chair: Eri Shimokawara (Tokyo Metropolitan University)

3AM1-2-1 **Measurement of Degree of Fatigue by Large-scale Data-based Online Modeling** 549

Yuriko Hachiya (University of Occupational and Environmental Health), Hiroyuki Izumi (University of Occupational and Environmental Health), Masatoshi Ogawa (Waseda University), Sho Kawanari (Waseda University), Minori Shibata (University of Occupational and Environmental Health), Hideaki Suzuki (University of Occupational and Environmental Health), Harutoshi Ogai (Waseda University)

3AM1-2-2 **A preliminary study of functional brain activity concerning modification of a body schema on hand manipulation** 553

Takuya Shimazu (Tokyo Denki University), Satoshi Suzuki (Tokyo Denki University)

3AM1-2-3 **Estimation of concentration and satisfaction from analyses of eye gaze and brain waves** 555

Taiga Shimizu (Tokyo Denki University), Yusuke Aoki (Tokyo Denki University), Masatsune Tanaka (Tokyo Denki University), Satoshi Suzuki (Tokyo Denki University)

3AM1-2-4 **Analysis of prefrontal cortex activity based on NIRS signal** 558

Tadahiro Oyama (Kobe City College of Technology), Kizuku Fukuike (Kobe City College of Technology)

3AM1-2-5 **Low Cost Medication Support System for Long-term Medication Patients** 562

Yuki Enda (Nihon University), Takeshi Toda (Nihon University), Naoko Ideguchi (Teikyo Heisei University)

3AM1-3: Human Communication (2)

Date: March 3, 8:40–10:20
Room: Ballroom Salon III
Chair: Tomoya Suzuki (Ibaraki University)

3AM1-3-1 **Comparison of 6-th order Moment for the Case of One Sided Affiliated Impact Vibration** 566

Kazuhiro Takeyasu (Tokoha University), Yuki Higuchi (Setsunan University)

3AM1-3-2 **Consumers' Activities for Brand Selection in the Case of Automobile Purchasing Case** 570

Kazuhiro Takeyasu (Fuji-tokoha University), Kurumi Kawamura (Fuji-tokoha University)

3AM1-3-3 **An Analysis of User Attitudes to Automobile Leasing for Individuals** 574

Yasuo Ishii (Osaka International University), Kazuhiro Takeyasu (Tokoha University)

3AM1-3-4 **Evaluation Approach for Web Form Usability** 578

Tomomi Nomura (Keio University), Yasue Mitsukura (Keio University)

3AM1-3-5 **Quantitative Evaluation of Difficulty to Fill Out Application Forms Using EEG** 582

Mayuko Kida (Keio University), Ryotaro Tashiro (Keio University), Takeshi Ui (Keio University), Mitsuru Suganuma (Keio University), Yasue Mitsukura (Keio University)

3AM1-4: Medical Systems

Date: March 3, 8:40–10:20
Room: Milo III
Chair: Momoyo Ito (The University of Tokushima)

3AM1-4-1 **Magnetic Resonance Image Reconstruction Using Nonlinear Continuous-Time Dynamical System** 586

Yusaku Yamaguchi (The University of Tokushima), Ken'ichi Fujimoto (The University of Tokushima), Tetsuya Yoshinaga (The University of Tokushima)

3AM1-4-2 **Application of Bag-of-Keypoints to Tissue Characterization of Coronary Plaque for the Diagnosis of Arteriosclerosis** 590

Satoshi Nakao (Yamaguchi University), Eiji Uchino (Fuzzy Logic Systems Institute), Shota Furukawa (Yamaguchi University), Noriaki Suetake (Yamaguchi University)

3AM1-4-3 **Time Course Evaluation for Diameter of Pulsatile Blood Vessel in Eye Fundus Moving Image** 594

Eisaku Tohma (Yamaguchi University), Shota Furukawa (Yamaguchi University), Eiji Uchino (Fuzzy Logic Systems Institute), Noriaki Suetake (Yamaguchi University), Reiji Kawata (Kawata Clinic)

3AM1-4-4 **Automatic Blood Flow Calculation in Conjunctival Microvessel** 598

Satoko Tasaka (Yamaguchi University), Eiji Uchino (Fuzzy Logic Systems Institute), Hideaki Misawa (Hiroshima City University,), Shota Furukawa (Yamaguchi University), Noriaki Suetake (Yamaguchi University)

3AM1-4-5 **Detection and Recognition of Unusual Region with Pseudo Normal Image in Chest Radiograph** 602

Masayuki Moribe (Kyushu institute of technology), Yuriko Tsunoda (Kyushu institute of technology), Hideaki Orii (Kyushu institute of technology), Hideaki Kawano (Kyushu institute of technology), Hiroshi Maeda (Kyushu institute of technology)

3AM2-1: Nonlinear Maps

Date: March 3, 10:40–12:20
Room: Ballroom Salon I
Chair: Masatoshi Sato (Tokyo Metropolitan University)

3AM2-1-1 **Clustering and Synchronous Firing of Coupled Rulkov Maps with STDP** 606

Naohiro Shibuya (The University of Tokushima), Charles Unsworth (The University of Auckland), Yoko Uwate (The University of Tokushima), Yoshifumi Nishio (The University of Tokushima)

3AM2-1-2 **Study on the Chaotic Cipher that includes XOR Operation** 610

Kenta Tabata (Meiji University), Yasuaki Tsuruoka (Meiji University), Hiroki Tanaka (Meiji University), Shuhei Kuriyama (Meiji University), Hiroyuki Kamata (Meiji University)

3AM2-1-3 **Research on the Effectiveness of Chaotic Cipher Using Fixed Point Arithmetic** 614

Shuhei Kuriyama (Meiji University), Yasuaki Tsuruoka (Meiji University), Hiroki Tanaka (Meiji University), Kenta Tabata (Meiji University), Hiroyuki Kamata (Meiji University)

3AM2-1-4 **A chaotic orbit of the logistic map calculated in multiple precision and the orbit that can be considered true** 617

Michiro Yabuki (Meisei University), Takashi Tsuchiya (Meisei University)

3AM2-2: [Special Session] Advanced Data Processing for Watching Over People (3)

Date: March 3, 10:40–12:20
Room: Ballroom Salon II
Organizer: Satoshi Suzuki (Tokyo Denki University), Satoru Suzuki (Kagawa University) and Yasue Mitsukura (Keio University)
Chair: Takeshi Toda (Nihon University)

3AM2-2-1 **The Investigation of Image Processing Method for Object Recognition Depending on Its Intrinsic Function from Human Motions** 621

Wenjuan Wang (Tokyo Metropolitan University), Yihsin Ho (Tokyo Metropolitan University), Norio Tagawa (Tokyo Metropolitan University), Takao Nishitani (Tokyo Metropolitan University), Eri sato-Shimokawara (Tokyo Metropolitan University), Toru Yamaguchi (Tokyo Metropolitan University)

3AM2-2-2 **Human Behavior Sensing using Sensor Network for Constructing an User Model of Daily Living** 625

Tetsuya Kaneko (Tokyo Metropolitan University), Eri-sato Shimokawara (Tokyo Metropolitan University), Yasunari Fujimoto (Tokyo Metropolitan University), Toru Yamaguchi (Tokyo Metropolitan University)

3AM2-2-3 **Development of a Walking Rehabilitation Robot based on Technique of Physical Therapist** 629

Shota Mitsumura (Tokyo Metropolitan University), Yasunari Fujimoto (Tokyo Metropolitan University), Toru Yamaguchi (Tokyo Metropolitan University)

3AM2-2-4 **Concatenating SSVEP signals for high-temporal resolution BCI** 633

Yohei Tomita (Foster Electric Co., Ltd.)

3AM2-2-5 **Image Modification based on Bottom-up Saliency Map for Directing User ' s Gaze** 637

Tatsuhiko Kokui (Okayama Prefectural University), Hironori Takimoto (Okayama Prefectural University), Hitoshi Yamauchi (Okayama Prefectural University), Mitsuyoshi Kishihara (Okayama Prefectural University), Kensuke Okubo (Okayama Prefectural University)

3AM2-3: Detection and Tracking

Date: March 3, 10:40–12:20
Room: Ballroom Salon III
Chair: Koichi Takahashi (Keio University)

3AM2-3-1 **Human Action Recognition using Multi Cameras** 641

Masayuki Daikoku (University of Tokushima), Stephen Karungaru (University of Tokushima), Kenji Terada (University of Tokushima)

3AM2-3-2 **Human Detection Algorithm using low-resolution Infrared Image in Wireless Sensor Networks** 645

Shinpei Fujimoto (Ritsumeikan University), Toshiya Honda (Ritsumeikan University), Takeshi Kumaki (Ritsumeikan University), Masafumi Kimata (Ritsumeikan University), Takeshi Fujino (Ritsumeikan University)

3AM2-3-3 **Human detection using histograms of oriented gradients with background subtraction based on mixture-of-Gaussians for human behavior recognition** 649

Norifumi Murata (Ritsumeikan University), Yohei Fukumizu (Ritsumeikan University), Tomonori Izumi (Ritsumeikan University), Hironori Yamauchi (Ritsumeikan University)

3AM2-3-4 **A Study on Human Detection and Tracking Method for an Inverted Pendulum Mobile Robot** 653

Masahiro Takimura (Konan University), Takayuki Matsuda (Konan University), Naoki Hatakeyama (Konan University), Masahiro Wada (Konan University), Masahiro Tanaka (Konan University), Tomohiro Umetani (Konan University)

3AM2-3-5 **A Local Adaptive Image Descriptor for Human Tracking** 657

Sangeun Lee (Kyushu Institute of Technology), Keiichi Horio (Kyushu Institute of Technology)

3AM2-4: Bio-signal Processing

Date: March 3, 10:40–12:20
Room: Milo III
Chair: Eiji Uchino (Yamaguchi University)

3AM2-4-1 **Direct Estimation of Hand Motion Speed from Surface EMG Using Selective Desensitization Neural Network** 661

Kazumasa Horie (University of Tsukuba), Atsuo Suemitsu (JAIST), Masahiko Morita (University of Tsukuba)

3AM2-4-2 **GA-SVM for Pattern Recognition of Single-Channel Electroencephalographic Recordings from Nursery School Child under Resting and Feeling Interest States** 665

Suguru Kanoga (Keio University), Yasue Mitsukura (Keio University)

3AM2-4-3 **Analysis of Interference Frequency Components in SSVEPs Elicited by LCD Monitor** 669

Masaki Nakanishi (Keio University), Yasue Mitsukura (Keio University)

3AM2-4-4 **EEG Difference Extraction with Pure Tone Stimulation of Different Frequencies** 673

Atsushi Negishi (Keio University), Suguru Kanoga (Keio University), Yasue Mitsukura (Keio University)

3AM2-4-5 **Basic Study on ERP-Based Brain-Machine Interface in Real Environment** 677

Natsumi Ishido (Nara Institute of Science and Technology), Takeshi Ogawa (Advanced Telecommunications Research Institute International), Shin Ishii (Advanced Telecommunications Research Institute International), Hiroshi Saruwatari (Nara Institute of Science and Technology), Satoshi Nakamura (Nara Institute of Science and Technology)

3PM1-1: Chaos Applications

Date: March 3, 13:40–15:20
Room: Ballroom Salon I
Chair: Yoko Uwate (The University of Tokushima)

3PM1-1-1 **The Effect of EnvelopeWave for Chaos Circuit** 681

Saho Osano (Sophia University), Masatoshi Sato (Tokyo Metropolitan University), Mamoru Tanaka (Sophia University)

3PM1-1-2 **Frequency Influences of Stereo BasicWave Functions Generated from Chaos Circuit** 685

Yuno Terao (Sophia University), Naruno Fujii (Sophia University), Mamoru Tanaka (Sophia University)

3PM1-1-3 **Sound Creation Based on Different Chaos Attractors** 689

Naruno Fujii (Sophia University), Masaki Bandai (Sophia University), Yoshifumi Nishio (Tokushima University), Mamoru Tanaka (Sophia University)

3PM1-1-4 **Rotation Measurement System Using Distortion Printed Spiral Inductors with Metal Lamina** 537

Kazuyoshi Nishio (Hiroshima Institute of Technology), Masayuki Yamauchi (Hiroshima Institute of Technology)

3PM1-1-5 **Chaotic Circuit Generating Two Main Frequency Band Oscillations** 697

Yasuteru Hosokawa (Shikoku University), Yoshifumi Nishio (Tokushima University)

3PM1-2: [Special Session] Advanced Data Processing for Watching Over People (4)

Date: March 3, 13:40–15:20
Room: Ballroom Salon II
Organizer: Satoshi Suzuki (Tokyo Denki University), Satoru Suzuki (Kagawa University) and Yasue Mitsukura (Keio University)
Chair: Hiroshi Igarashi (Tokyo Denki University)

3PM1-2-1 **Driving assistance system using expansion of the body schema** 701

Akira Ichinose (Tokyo Denki University), Takumi Matsumura (Tokyo Denki University), Satoshi Suzuki (Tokyo Denki University)

3PM1-2-2 **Analysis of Driving Behavior Caused by Hiyari-Hatto Event Focusing on Head Motion** 705

Akiko Sugiyama (The University of Tokushima), Momoyo Ito (The University of Tokushima), Kazuhito Sato (AkitaPrefectural University), Shin-ichi Ito (The University of Tokushima), Minoru Fukumi (The University of Tokushima)

3PM3-2-1 **Experiment of the VDT worker blink promotion using Web Camera** 709

Yuto Hojo (Nihon University), Kohei Tsuruoka (Nihon University), Takeshi Toda (Nihon University), Xinxin Liu (National Institute of Occupational Safety and Health)

3PM1-2-4 **Personalized Information Gathering System Based on Micromedia** 713

Mizuho Sawada (Nihon University), Takeshi Toda (Nihon University)

3PM1-2-5 **Moving jaw keep assist system for VDT users using built-in camera** 717

Daisuke Furukawa (Nihon University), Takeshi Toda (Nihon University), Xinxin Liu (National Institute of Occupational Safety and Health)

3PM1-3: Watermarking

Date: March 3, 13:40–15:20
Room: Ballroom Salon III
Chair: Hisashi Aomori (Chukyo University)

3PM1-3-1 **A 3-D Mesh Watermarking Algorithm via Complex Smear Transform** 721

Takuya Kitahama (Ehime University), Toshiyuki Uto (Ehime University), Kenji Ohue (Ehime University)

3PM1-3-2 **A Blind ImageWatermarking Based on an Orthogonal Polyphase Sequence** 725

Yu Kagii (Ehime University), Shogo Takagi (Ehime University), Toshiyuki Uto (Ehime University), Kenji Ohue (Ehime University)

3PM1-3-3 **Reversible Image Watermarking Method Based on Local Histogram Shift** 729

Yuki Obara (Tokyo Denki University), Shigeo Wada (Tokyo Denki University)

3PM1-3-4 **Reversible Audio Watermarking Based on Delay and Amplitude Simultaneous Embedding** 733

Hirotaka Akasaki (Tokyo Denki University), Shigeo Wada (Tokyo Denki University)

3PM1-3-5 **A cropping robust digital watermarking algorithm using morphological wavelet transform based on max-plus algebra** 737

Kei Nakao (Ritsumeikan University), Takeshi Kumaki (Ritsumeikan University), Takeshi Ogura (Ritsumeikan University), Takeshi Fujino (Ritsumeikan University)

3PM1-4: Network Systems

Date: March 3, 13:40–15:20
Room: Milo III
Chair: Hiromasa Habuchi (Ibaraki University)

3PM1-4-1 **Routing table generation method in hybrid ZigBee modules of 920MHz and 2.4GHz** 741

Kazushige Ouchi (Sophia University), Masakatsu Ogawa (Sophia University), Tomoaki Takao (Sophia University)

3PM1-4-2 **A Study on Cross-Layer-Design Packet Retransmission Control Based on Superposition Modulation** 745

Shintaro Mori (Kagawa University), Koji Ishii (Kagawa University), Shigeaki Ogose (Kagawa University)

3PM1-4-3 **Hardware Controller of camera sensor node using IR array sensor and CMOS image sensor for ultra-low-power operation** 749

Tatsuro Hitomi (Ritsumeikan University), Toshiya Honda (Ritsumeikan University), Ryohei Hori (Ritsumeikan University), Takeshi Kumaki (Ritsumeikan University), Takeshi Fujino (Ritsumeikan University)

3PM1-4-4 **A Proposed Method for Improving Service Performance in P2P File-Sharing System** 753

Ryo Sasaki (Tokyo University of Science), Pingguo Huang (Tokyo University of Science), Marat Zhanikeev (Kyushu Institute of Technology), Hitoshi Watanabe (Tokyo University of Science)

3PM1-4-5 **Selection Method of Multipoint Relay Nodes for EA-MPR Protocol with Considering Link Quality Indicator** 757

Hidemi Takahara (Waseda University), Kui-Ting Chen (Waseda University), Molin Jia (Waseda University), Takaaki Baba (Waseda University)

3PM2-1: Measurements (2)

Date: March 3, 15:40–17:20
Room: Ballroom Salon I
Chair: Ki Ando (Tokyo Denki University)

3PM2-1-1 **Estimation of Concern For Others and Its Application in Ping-pong Game** 761

Naoya Tsujita (Tokyo Denki University), Hiroshi Igarashi (Tokyo Denki University)

3PM2-1-2 **Force Sensor-less Estimation of the Contact Position with Object for Robot** 765

Hiromu Nagasawa (Tokyo Denki University), Hiroshi Igarashi (Tokyo Denki University)

3PM2-1-3 **Noise filtering of spectral data for Imaging type two dimensional spectroscopic tomography using Savitzky-Golay Filter** 769

Pradeep K.W. Abeygunawardhana (Kagawa University), Masaru Fujiwara (Kagawa University), Satoru Suzuki (Kagawa University), Ichirou Ishimaru (Kagawa University)

3PM2-2: [Special Session] Advanced Data Processing for Watching Over People (5)

Date: March 3, 15:40–17:20
Room: Ballroom Salon II
Organizer: Satoshi Suzuki (Tokyo Denki University), Satoru Suzuki (Kagawa University) and Yasue Mitsukura (Keio University)
Chair: Tadahiro Oyama (Kobe City College of Technology)

3PM2-2-1 **Communication support system based personal keywords using microblog** 773

Shun Nomura (Tokyo Metropolitan University), Eri Sato-Shimokawara (Tokyo Metropolitan University), Toru Yamaguchi (Tokyo Metropolitan University)

3PM2-2-2 **A Prototype Remote Control AR System for a Radio-controlled Car using a Gesture Control Device** 777
Taiki Fuji (Keio University), Yasue Mitsukura (Keio University)

3PM2-2-3 **Child ' s position detection by ankle utilizing Laser range sensor** 781
Takahiko Nakamura (Tokyo Denki University), Satoshi Suzuki (Tokyo Denki University)

3PM2-2-4 **Blink detection for smart device users using built-in camera** 785
Hiroki Okamura (Nihon University), Kouhei Tsuruoka (Nihon University), Takeshi Toda (Nihon University), Xinxin Liu (National Institute of Occupational Safety and Health)

3PM2-2-5 **Involuntary-Blink Detection Method Robust Against Frame Rate Drop** 789
Tatsuhiko Miyakawa (Nihon University), Kohei Tsuruoka (Nihon University), Takeshi Toda (Nihon University), Xinxin Liu (National Institute of Occupational Safety and Health)

3PM2-4: Sensor Networks

Date: March 3, 15:40–17:20
Room: Milo III
Chair: Yuichi Miyaji (Toyohashi University of Technology)

3PM2-4-1 **Autonomous control method for sensor networks using cellular automaton** 793
Eiichirou Nagao (Kagawa University), Hiroyuki Kitajima (Kagawa University)

3PM2-4-2 **Information Estimation Method forWide Area Sensor Networks using Information Converting to Wireless Physical Parameters** 797
Tomomi Endou (The University of Electro-Communications), Takeo Fujii (The University of Electro-Communications)

3PM2-4-3 **Signal Transmission for in vivo Communication System inWireless Bio-sensor Network** 801
Ryota Masui (Kagawa University), Koji Ishii (Kagawa University), Shigeaki Ogose (Kagawa University)

3PM2-4-4 **Implementation of Novel Natural Synchronization Scheme on Wireless Sensor Nodes** 805
Hiroyuki Yasuda (Tokyo University of Science), Mikio Hasegawa (Tokyo University of Science)

Author Index

A

Abeygunawardhana, K.W. Pradeep : 769(3PM2-1-3)
Ago, Kenta : 417(2PM1-1-3)
Akagi, Masato: 429(2PM1-2-2), 37(1AM1-2-5), 513(2PM2-3-4)
Akaike, Atsushi: 209(1PM2-2-3), 213(1PM2-2-4), 217(1PM2-2-5)
Akasaki, Hirotaka: 733(3PM1-3-4)
Aketo, Toshihide: 433(2PM1-2-3)
Amo, Hayato: 177(1PM2-1-1)
Ando, Ki: 481(2PM2-1-3)
Ando, Masaru: 477(2PM2-1-2)
Aoe, Jun-ichi: 153(1PM1-4-1)
Aoki, Naofumi: 201(1PM2-2-1), 109(1PM1-2-2)
Aoki, Yusuke: 555(3AM1-2-3)
Aomori, Hisashi: 17(1AM1-1-5), 309(2AM1-3-3), 313(2AM1-3-4)
Arai, Shintaro: 61(1AM1-4-1)
Arita, Satomi: 57(1AM1-3-5)
Asahara, Hiroyuki: 189(1PM2-1-4)
Asai, Tetsuya: 145(1PM1-3-5)
Asatani, Jun: 161(1PM1-4-3)
Atuti, Daisuke: 93(1PM1-1-4)
NamearticlesPageSession

B

Baba, Takaaki: 257(1PM2-4-4), 757(3PM1-4-5), 261(1PM2-4-5), 13(1AM1-1-4)
Bandai, Masaki: 689(3PM1-1-3)
Bandoh, Yoshia: 153(1PM1-4-1)

C

Chen, Kui-Ting : 257(1PM2-4-4), Chen, Kui-Ting 757(3PM1-4-5), Chen, Kui-Ting 261(1PM2-4-5), Chen, Kui-Ting 13(1AM1-1-4)
Chiba, Kei: 309(2AM1-3-3)
Chika, Tomoaki: 289(2AM1-2-2)

D

Daikoku,Masayuki: 641(3AM2-3-1)
Dang,Jianwu: 233(PM2-3-4)
Doi,Shinji: 197(1PM2-1-6)
Doike,Yoshinori: 185(1PM2-1-3)
Du,Yuxuan: 429(2PM1-2-2)

E

Egami, Kohei: 373(2AM2-3-1)
Enda, Yuki: 562(3AM1-2-5)
Endo, Tomomi: 525(2PM2-4-3), 797(3PM2-4-2)
Enomoto, Tadayoshi: 85(1PM1-1-2)

F

Fuji, Taiki: 777(3PM2-2-2)
Fujii, Naruno: 689(3PM1-1-3) 685(3PM1-1-2)
Fujii, Takayuki : 193(1PM2-1-5)
Fujii, Takeo: 525(2PM2-4-3), 797(3PM2-4-2), 465(2PM1-4-3)
Fujimoto, Ken ' ichi: 586(3AM1-4-1)
Fujimoto, Shinpei: 645(3AM2-3-2)
Fujimoto, Shouhei: 693(3AM1-1-3)
Fujimoto, Yasunari: 629(3AM2-2-3), 625(3AM2-2-2)
Fujino, Takeshi: 737(3PM1-3-5), 473(2PM2-1-1), 645(3AM2-3-2), 97(1PM1-1-5), 749(3PM1-4-3), 101(1PM1-1-6)
Fujita, Tomohiro: 137(1PM1-3-3), 133(1PM1-3-2)
Fujiwara, Masaru : 769(3PM2-1-3)
Fuketa, Masao: 153(1PM1-4-1)
Fukuike, Kizuku: 558(3AM1-2-4)
Fukumi, Minoru: 445(2PM1-3-2), 705(3PM1-2-2), 285(2AM1-2-1), 289(2AM1-2-2)
Fukumizu, Yohei: 649(3AM2-3-3)
Fukumoto, Jun: 45(1AM1-3-2)
Fukuoka, Shunsuke: 497(2PM2-2-4)
Furukawa, Daisuke : 717(3PM1-2-5)
Furukawa, Shota: 590(3AM1-4-2), 594(3AM1-4-3), 598(3AM1-4-4)
Furukawa, Toshihiro: 305(2AM1-3-2)

G

Gotanda, Hiromu: 21(1AM1-2-1)

H

Habuchi, Hiromasa: 165(1PM1-4-4), 169(1PM1-4-5)
Hachiya, Yuriko : 549(3AM1-2-1)
Hanada, Masaki: 317(2AM1-4-1), 321(2AM1-4-2), 325(2AM1-4-3), 329(2AM1-4-4)
Handa, Shunsuke: 489(2PM2-2-2)
Hasegawa, Mikio : 805(3PM2-4-4)
Hasegawa, Yuki : 481(2PM2-1-3)
Hatakeyama, Naoki: 653(3AM2-3-), 389(2AM2-3-5)
Hayashida, Kohei: 357(AM2-2-2), 113(1PM1-2-3), 205(1PM2-2-2)

Higuchi, Yuki: 566(3AM1-3-1), 253(1PM2-4-3), 249(1PM2-4-2)
Hirano, Yuka: 125(1PM1-2-6)
Hirayama, Takatsugu: 411(2PM1-3-1)
Hirose, Tetsuya: 501(2PM2-3-1), 301(2AM1-3-1), 41(1AM1-3-1), 361(2AM2-2-3)
Hitomi, Tatsuro: 749(3PM1-4-3)
Ho, Yihsin: 621(3AM2-2-1)
Hojo, Yuto: 709(3PM1-2-3)
Honda, Akio: 33(1AM1-2-4)
Honda, Kiyoshi: 233(1PM2-3-4)
Honda, Toshiya: 473(2PM2-1-1), 645(3AM2-3-2), 749(3PM1-4-3)
Hori, Ryohei: 97(1PM1-1-5), 749(3PM1-4-3)
Horie, Kazumasa: 661(3AM2-4-1)
Horio, Keiichi: 657(3AM2-3-5)
Horiuchi, Yasuo: 121(1PM1-2-5)
Hosokawa, Yasuteru: 697(3PM1-1-5), 9(1AM1-1-3), 177(1PM2-1-1), 533(3AM1-1-2), 529(3AM1-1-1)
Huang, Pingguo: 753(3PM1-4-4)

I

Ichinose, Akira: 701(3PM1-2-1)
Ida, Yuta: 521(2PM2-4-2)
Ideguchi, Naoko : 562(3AM1-2-5)
Igarashi, Hiroshi: 761(3PM2-1-1), 765(3PM2-1-2), 345(2AM2-1-4), 349(2AM2-1-5)
Ijiri, Shota: 41(1AM1-3-1)
Ikebe, Masayuki: 145(1PM1-3-5)
Ikeda, Kenji: 113(1PM1-2-3)
Ikefuji, Daisuke : 425(2PM1-2-1)
Ikegami, Tetsushi: 401(2AM2-4-3)
Inaba, Naohiko: 193(1PM2-1-5)
Inose, Satoshi: 225(1PM2-3-2), 277(2AM1-1-3), 505(2PM2-3-2), 229(1PM2-3-3)
Inoue, Katsuhiro: 21(1AM1-2-1)
Inoue, Masaharu: 461(2PM1-4-2)
Inoue, Takashige: 69(1AM1-4-3)
Ishibashi, Takaaki: 21(1AM1-2-1), 353(2AM2-2-1)
Ishida, Yuuki: 321(2AM1-4-2), 329(2AM1-4-4)
Ishido, Natsumi : 677(3AM2-4-5)
Ishii, Koji: 745(3PM1-4-2), 801(3PM2-4-3)
Ishii, Shin: 677(3AM2-4-5)
Ishii, Yasuo: 574(3AM1-3-3)
Ishimaru, Ichirou: 769(3PM2-1-3)
Itami, Makoto: 401(2AM2-4-3)
Ito, Daisuke: 413(2PM1-1-2)
Ito, Momoyo: 705(3PM1-2-2), 285(2AM1-2-1), 289(2AM1-2-2)
Ito, Shin-ichi: 705(3PM1-2-2), 285(2AM1-2-1), 289(2AM1-2-2)
Itoh, Yoshio: 397(2AM2-4-2)
Itou, Toshiyuki: 145(1PM1-3-5)
Iwanaga, Kaihei: 133(1PM1-3-2)
Izumi, Hiroyuki: 549(3AM1-2-1)
Izumi, Naoyuki: 501(2PM2-3-1)
Izumi, Tomonori: 649(3AM2-3-3)
Izumi, Yutaka: 189(1PM2-1-4)

J

Jia, Molin: 257(1PM2-4-4), 757(3PM1-4-5), 261(1PM2-4-5), 13(1AM1-1-4)
Jiang, Huiqin: 449(2PM1-3-3)
Jiang, Xiantao: 129(1PM1-3-1)

K

Kadoi, Shun: 209(1PM2-2-3), 213(1PM2-2-4), 217(1PM2-2-5)
Kageyama, Yuji: 209(1PM2-2-3), 213(1PM2-2-4), 217(1PM2-2-5)
Kagii, Yu: 725(3PM1-3-2)
Kaku, Hirofumi: 381(2AM2-3-3)
Kamata, Hiroyuki: 209(1PM2-2-3), 213(1PM2-2-4), 217(1PM2-2-5), 610(3AM2-1-2), 614(3AM2-1-3)
Kameoka, Hirokazu: 485(2PM2-2-1)
Kamiya, Toshitaka: 337(2AM2-1-2)
Kamiyama, Kyohei: 209(1PM2-2-3), 213(1PM2-2-4), 217(1PM2-2-5)
Kanagaw, Akihiro : 57(1AM1-3-5)
Kanasugi, Akinori: 481(2PM2-1-3)
Kaneko, Tetsuya: 625(3AM2-2-2)
Kanemitsu, Hidehiro: 317(2AM1-4-1), 321(2AM1-4-2), 325(2AM1-4-3), 329(2AM1-4-4)
Kannari, Atsushi: 225(1PM2-3-2), 505(2PM2-3-2)
Kanoga, Suguru: 665(3AM2-4-2), 673(3AM2-4-4)
Karijuku, Keisuke: 209(1PM2-2-3), 213(1PM2-2-4), 217(1PM2-2-5)
Karungaru, Stephen: 445(2PM1-3-2), 641(3AM2-3-1)
Katayama, Kengo: 161(1PM1-4-3)
Kato, Fumiya: 493(2PM2-2-3)
Kawamoto, Shin-ichi: 233(1PM2-3-4)
Kawamura, Kurumi : 570(3AM1-3-2)
Kawamura, Naohiro: 209(1PM2-2-3), 213(1PM2-2-4), 217(1PM2-2-5)
Kawanami, Hiromichi: 365(2AM2-2-4), 125(1PM1-2-6)
Kawanari, Sho : 549(3AM1-2-1)
Kawanishi, Hiroaki: 161(1PM1-4-3)
Kawano, Hideaki: 602(3AM1-4-5)
Kawasaki, Daichi: 157(1PM1-4-2)
Kawata, Reiji: 594(3AM1-4-3)
Kida, Mayuko: 582(3AM1-3-5)
Kim, Moo Wan : 325(2AM1-4-3)
Kimata, Masafumi: 473(2PM2-1-1), 645(3AM2-3-2)
Kishihara, Mitsuyoshi: 637(3AM2-2-5)
Kitahama, Takuya: 721(3PM1-3-1)
Kitajima, Hiroyuki: 793(3PM2-4-1)
Kitajima, Takahiro: 241(1PM2-3-6), 461(2PM1-4-2)
Kitamura, Daichi: 485(2PM2-2-1), 437(2PM1-2-4)
Kitaoka, Norihide: 441(2PM1-3-1)
Kobayashi, Keisuke: 37(1AM1-2-5)
Kobayashi, Manabu: 81(1PM1-1-1)
Kobayashi, Nobuaki: 85(1PM1-1-2)
Kodama, Takahiro: 197(1PM2-1-6)
Kokui, Tatsuhiko: 637(3AM2-2-5)

Komuro, Nobuyoshi : 77(1AM1-4-5)
Kondo, Kazunobu: 485(2PM2-2-1)
Konishi, Daiki: 285(2AM1-2-1)
Konishi, Katsumi: 305(2AM1-3-2)
Kosaka, Tatsuma: 457(2PM1-4-1)
Kousaka, Takuji: 189(1PM2-1-4), 193(1PM2-1-5)
Kubota, Takaya : 101(1PM1-1-6)
Kumaki, Takeshi: 737(3PM1-3-5), 473(2PM2-1-1), 137(1PM1-3-3), 645(3AM2-3-2), 749(3PM1-4-3), 133(1PM1-3-2)
Kumeno, Hironori: 421(2PM1-1-4), 1(1AM1-1-1)
Kuriyama, Shuhei: 610(3AM2-1-2), 614(3AM2-1-3)
Kuroda, Tadahiro: 145(1PM1-3-5)
Kuroiwa, Shingo: 121(1PM1-2-5)
Kuroki, Nobutaka: 501(2PM2-3-1), 301(2AM1-3-1), 41(1AM1-3-1), 361(2AM2-2-3)
Kuwahara, Akinobu: 461(2PM1-4-2), 341(2AM2-1-3)

L

Lee, Sangeun: 657(3AM2-3-5)
Li, Yongwei: 513(2PM2-3-4)
Liang, Yibo: 261(1PM2-4-5)
Lin, Haomiao: 257(1PM2-4-4), 13(1AM1-1-4)
Liu, Xinxin: 717(3PM1-2-5), 785(3PM2-2-4), 789(3PM2-2-5), 709(3PM1-2-3), 293(2AM1-2-3), 297(2AM1-2-4)
Liu, Yumin: 449(2PM1-3-3)

M

Ma, Ling: 449(2PM1-3-3)
Maeda, Hiroshi: 602(3AM1-4-5)
Mamoru, Tanaka : 221(1PM2-3-1)
Masui, Ryota: 801(3PM2-4-3)
Masumi, Yoji: 33(1AM1-2-4)
Masunaga, Shohei: 425(2PM1-2-1)
Masuoka, Tatsuya: 141(1PM1-3-4)
Matoba, Akihisa: 325(2AM1-4-3)
Matsuda, Takayuki: 653(3AM2-3-4), 389(2AM2-3-5)
Matsufuji, Shinya: 521(2PM2-4-2)
Matsumoto, Takahiro: 157(1PM1-4-2), 521(2PM2-4-2)
Matsumoto, Toshihiro: 377(2AM2-3-2)
Matsumura, Takumi : 701(3PM1-2-1)
Matsuno, Shoko: 221(1PM2-3-1)
Matsuzaka, Kenji: 89(1PM1-1-3), 93(1PM1-1-4)
Miino, Yuu: 413(2PM1-1-2)
Minai, Taiki: 205(1PM2-2-2)
Mineo, Taiyo: 273(2AM1-1-2)
Misawa, Hideaki: 598(3AM1-4-4)
Mitsukura, Yasue: 578(3AM1-3-4), 665(3AM2-4-2), 337(2AM2-1-2), 117(1PM1-2-4), 669(3AM2-4-3), 673(3AM2-4-4), 582(3AM1-3-5), 49(1AM1-3-3), 509(2PM2-3-3), 777(3PM2-2-2)
Mitsumura, Shota: 629(3AM2-2-3)
Miura, Yasuyuki: 81(1PM1-1-1)
Miyaji, Yuichi: 65(1AM1-4-2), 73(1AM1-4-4)
Miyajima, Chiyomi: 441(2PM1-3-1)
Miyajima, Hirofumi: 281(2AM1-1-4)
Miyajima, Hiromi : 281(2AM1-1-4)
Miyakawa, Tatsuhiko: 789(3PM2-2-5)
Miyauchi, Ryota: 333(2AM2-1-1)
Miyauchi, Tomo: 437(2PM1-2-4)
Miyazaki, Akikazu: 105(1PM1-2-1)
Miyazaki, Ryoichi: 125(1PM1-2-6), 365(2AM2-2-4)
Mizui, Kiyoshi: 453(2PM1-3-4)
Monobe, Takuya: 313(2AM1-3-4)
Mori, Masafumi: 145(1PM1-3-5)
Mori, Masataka: 441(2PM1-3-1)
Mori, Shintaro: 745(3PM1-4-2)
Moribe, Masayuki: 602(3AM1-4-5)
Morie, Takashi: 237(1PM2-3-5), 377(2AM2-3-2), 89(1PM1-1-3), 93(1PM1-1-4)
Morikawa, Daisuke: 477(2PM2-1-2), 37(1AM1-2-5)
Morimoto, Kai: 505(2PM2-3-2)
Morishita, Saori: 337(2AM2-1-2)
Morita, Kazuhiro: 153(1PM1-4-1)
Morita, Masahiko: 661(3AM2-4-1)
Morita, Shota: 105(1PM1-2-1)
Moriya, Yu: 297(2AM1-2-4)
Motomura, Masato : 145(1PM1-3-5)
Murata, Norifumi: 649(3AM2-3-3)

N

Nagai, Takahiro: 341(2AM2-1-3)
Nagao, Eiichirou: 793(3PM2-4-1)
Nagasawa, Hiromu: 765(3PM2-1-2)
Nakagawa, Kazuho : 473(2PM2-1-1)
Nakai, Masato: 293(2AM1-2-3)
Nakai, Shunsuke: 365(2AM2-2-4)
Nakai, Tsunato: 101(1PM1-1-6)
Nakamura, Makoto: 157(1PM1-4-2)
Nakamura, Satoshi: 485(2PM2-2-1), 433(2PM1-2-3), 125(1PM1-2-6), 437(2PM1-2-4), 677(3AM2-4-5), 365(2AM2-2-4), 369(2AM2-2-5)
Nakamura, Shosuke: 173(1PM1-4-6)
Nakamura, Takahiko: 781(3PM2-2-3)
Nakanishi, Mamoru: 133(1PM1-3-2)
Nakanishi, Masaki: 669(3AM2-4-3)
Nakao, Kei: 737(3PM1-3-5)
Nakao, Satoshi: 590(3AM1-4-2)
Nakatuka, Mihiro: 249(1PM2-4-2)
Nakayama, Masato: 205(1PM2-2-2), 425(2PM1-2-1), 357(2AM2-2-2), 113(1PM1-2-3)
Nakayama, Shigeru: 245(1PM2-4-1)
Nakayama, Yoshio: 9(1AM1-1-3)
Natsuno, Kazushige: 141(1PM1-3-4)
Negishi, Atsushi: 673(3AM2-4-4)
Ninomiya, Hiroshi: 81(1PM1-1-1)
Nishimura, Nana : 233(1PM2-3-4)
Nishino, Seiji: 405(2AM2-4-4)
Nishino, Yasutaka: 333(2AM2-1-1)
Nishio, Kazuyoshi: 537(3PM1-1-4)
Nishio, Yoshifumi: 689(3PM1-1-3), 5(1AM1-1-2), 141(1PM1-3-4), 185(1PM2-1-3), 409(2PM1-1-1), 697(3PM1-1-5),

9(1AM1-1-3), 177(1PM2-1-1), 533(3AM1-1-2), 529(3AM1-1-1), 606(3AM2-1-1), 181(1PM2-1-2), 417(2PM1-1-3), 545(3AM1-1-)
Nishitani, Takao: 621(3AM2-2-1)
Nishiumi, Toshiaki: 181(1PM2-1-2)
Nishiura, Takanobu: 205(1PM2-2-2), 425(2PM1-2-1), 357(2AM2-2-2), 113(1PM1-2-3)
Niwa, Yusuke: 269(2AM1-1-1)
Nomura, Shun: 773(3PM2-2-1)
Nomura, Tomomi: 578(3AM1-3-4)
Numa, Masahiro: 501(2PM2-3-1), 301(2AM1-3-1), 41(1AM1-3-1), 361(2AM2-2-3)

O

Obara, Yuki: 729(3PM1-3-3)
Ogai, Harutoshi: 549(3AM1-2-1)
Ogawa, Masakatsu: 517(2PM2-4-1), 741(3PM1-4-1)
Ogawa, Masatoshi: 549(3AM1-2-1)
Ogawa, Takeshi: 677(3AM2-4-5)
Ogawaz, Yutaka: 509(2PM2-3-3)
Ogino, Mikito: 337(2AM2-1-2)
Ogose, Shigeaki: 745(3PM1-4-2), 801(3PM2-4-3)
Ogura, Takeshi: 137(1PM1-3-3), 133(1PM1-3-2), 737(3PM1-3-5)
Ohira, Takashi: 73(1AM1-4-4), 73(1AM1-4-4)
Ohira, Yasuaki: 521(2PM2-4-2)
Ohkuma, Kazunari: 397(2AM2-4-2)
Ohno, Kohei: 401(2AM2-4-3)
Ohta, Mai: 465(2PM1-4-3)
Ohtake, Shinsuke: 73(1AM1-4-4)
Ohue, Kenji: 721(3PM1-3-1), 725(3PM1-3-2)
Okamoto, Asako: 357(2AM2-2-2)
Okamura, Hiroki: 785(3PM2-2-4)
Okawa, Tomohisa: 209(1PM2-2-3), 213(1PM2-2-4), 217(1PM2-2-5)
Okubo, Kensuke: 637(3AM2-2-5)
Onishi, Shota: 421(2PM1-1-4)
Orii, Hideaki : 602(3AM1-4-5)
Osano, Saho: 681(3PM1-1-1)
Otake, Tsuyoshi: 309(2AM1-3-3), 313(2AM1-3-4)
Otani, Taku : 97(1PM1-1-5)
Ott, Thomas: 409(2PM1-1-)
Ouchi, Kazushige: 741(3PM1-4-1)
Oura, Junki: 361(2AM2-2-3)
Oyama, Tadahiro: 558(3AM1-2-4)
Ozasa, Daisuke : 1(1AM1-1-1)

S

Saito, Masahiro: 505(2PM2-3-2)
Sakai, Shunta: 525(2PM2-4-3)
Sakamoto, Shuichi: 29(1AM1-2-3), 33(1AM1-2-4)
Sakata, Shiro: 77(1AM1-4-5)
Sanada, Kosuke: 77(1AM1-4-5)
Saruwatari, Hiroshi: 485(2PM2-2-1), 433(2PM1-2-3), 125(1PM1-2-6), 437(2PM1-2-4), 677(3AM2-4-5), 365(2AM2-2-4), 369(2AM2-2-5)
Sasaki, Daichi: 393(2AM2-4-1)
Sasaki, Ryo: 753(3PM1-4-4)
Sasaki, Shigenobu: 469(2PM1-4-4)
Sasaoka, Naoto: 397(2AM2-4-2)
Sato, Hiroyuki: 265(1PM2-4-6)
Sato, Kazuhito: 705(3PM1-2-2)
Sato, Masatoshi: 681(3PM1-1-1), 17(1AM1-1-5)
Sato, Tadatomo: 405(2AM2-4-4), 173(1PM1-4-6)
Sato, Yasushi: 237(1PM2-3-5)
Sato-Shimokawara, Eri: 621(3AM2-2-1), 773(3PM2-2-1)
Satou, Yoshiki: 29(1AM1-2-3)
Sawada, Mizuho: 713(3PM1-2-4)
Sawada, Sho : 133(1PM1-3-2)
Sekiya, Hiroo: 77(1AM1-4-5)
Shi, Wen: 129(1PM1-3-1)
Shibata, Minori: 549(3AM1-2-1)
Shibuya, Naohiro: 606(3AM2-1-1)
Shigei, Noritaka: 281(2AM1-1-4)
Shimada, Akiro: 73(1AM1-4-4)
Shimada, Kazuma: 305(2AM1-3-2)
Shimada, Yasuo: 53(1AM1-3-4)
Shimamoto, Takashi: 129(1PM1-3-1)
Shimamura, Tetsuya: 489(2PM2-2-2), 493(2PM2-2-3), 149(1PM1-3-6)
Shimazu, Takuya: 553(3AM1-2-2)
Shimizu, Taiga: 555(3AM1-2-3)
Shimokawara, Eri-sato: 625(3AM2-2-2)
Shimozaki, Maya: 149(1PM1-3-6)
Shiokawa, Shigeki: 69(1AM1-4-3)
Shiomoto, Jun: 409(2PM1-1-1)
Shiozaki, Mitsuru: 101(1PM1-1-6)
Shoji, Yuki: 5(1AM1-1-2)
Sobue, Tatsuki: 529(3AM1-1-1)
Song, Tian: 129(1PM1-3-1)
Stoop, Ruedi: 545(3AM1-1-5)
Suedomi, Yasuhiro: 89(1PM1-1-3)
Suemitsu, Atsuo: 661(3AM2-4-1)
Suetake, Noriaki: 590(3AM1-4-2), 594(3AM1-4-3), 598(3AM1-4-4)
Sugahara, Yuki : 301(2AM1-3-1)
Suganuma, Mitsuru: 582(3AM1-3-5)
Sugiyama, Akiko: 705(3PM1-2-2)
Sumikawa, Kyohei: 165(1PM1-4-4)
Suzuki, Hideaki: 549(3AM1-2-1)
Suzuki, Hiroshi: 457(2PM1-4-1)
Suzuki, John Akira : 453(2PM1-3-4)
Suzuki, Naomi: 9(1AM1-1-3)
Suzuki, Satoru: 769(3PM2-1-3)
Suzuki, Satoshi: 701(3PM1-2-1), 781(3PM2-2-3), 553(3AM1-2-2), 555(3AM1-2-3)
Suzuki, Tomoya: 225(1PM2-3-2), 277(2AM1-1-3), 505(2PM2-3-2), 229(1PM2-3-3)
Suzuki, Yoiti: 29(1AM1-2-3), 33(1AM1-2-4)
Suzuki , Takafumi: 349(2AM2-1-5)

T

Tabata, Kenta: 610(3AM2-1-2), 614(3AM2-1-3)
Tadokoro, Yukihiro: 61(1AM1-4-1)

Tagami, Yuta: 241(1PM2-3-6)
Tagawa, Norio: 621(3AM2-2-1)
Tajiri, Yusuke: 21(1AM1-2-1), 353(2AM2-2-1)
Takagi, Shogo: 725(3PM1-3-2)
Takahara, Hidemi: 757(3PM1-4-5)
Takahashi, Haruhisa: 273(2AM1-1-2), 373(2AM2-3-1), 53(1AM1-3-4), 345(2AM2-1-4)
Takahashi, Koichi: 49(1AM1-3-3)
Takahashi, Nobuaki: 309(2AM1-3-3), 313(2AM1-3-4)
Takahashi, Nobuyuki: 469(2PM1-4-4)
Takahashi, Tomohiro: 305(2AM1-3-2)
Takahashi, Yoko: 121(1PM1-2-5)
Takahashi, Yu: 485(2PM2-2-1)
Takahashi , Shunsuke: 25(1AM1-2-2)
Takao, Tomoaki: 741(3PM1-4-1)
Takatani, Tomoya: 125(1PM1-2-6)
Takeda, Kazuya: 441(2PM1-3-1)
Takeyasu, Hiromasa: 253(1PM2-4-3)
Takeyasu, Kazuhiro: 566(3AM1-3-1), 570(3AM1-3-2), 574(3AM1-3-3), 253(1PM2-4-3), 249(1PM2-4-2)
Takimoto, Hironori: 57(1AM1-3-5), 637(3AM2-2-5)
Takimura, Masahiro: 653(3AM2-3-4), 389(2AM2-3-5)
Takyu, Osamu: 465(2PM1-4-3)
Tamukoh, Hakaru: 237(PM2-3-5), 377(2AM2-3-2), 89(1PM1-1-3), 93(1PM1-1-4)
Tanada, Yuji: 541(3AM1-1-4)
Tanaka, Hiroki: 614(3AM2-1-3), 610(3AM2-1-2)
Tanaka, Mamoru: 681(3PM1-1-1), 685(3PM1-1-2), 17(1AM1-1-5), 689(3PM1-1-3), 309(2AM1-3-3), 313(2AM1-3-4)
Tanaka, Mana: 533(3AM1-1-2)
Tanaka, Masahiro: 381(2AM2-3-3), 385(2AM2-3-4), 653(3AM2-3-4), 389(2AM2-3-5)
Tanaka, Masatsune: 555(3AM1-2-3)
Tanaka, Michio: 377(2AM2-3-2), 89(1PM1-1-3)
Tanimoto, Hiroshi: 393(2AM2-4-1)
Tanito, Yuri: 137(1PM1-3-3)
Taromaru, Makoto: 465(2PM1-4-3)
Tasaka, Satoko: 598(3AM1-4-4)
Tashiro, Ryotaro: 582(3AM1-3-5)
Tawaday, Keisuke: 509(2PM2-3-3)
Terada, Kenji: 445(2PM1-3-2), 641(3AM2-3-1), 45(1AM1-3-2)
Terao, Yuno: 685(3PM1-1-2)
Toda, Takeshi: 717(3PM1-2-5), 785(3PM2-2-4), 789(3PM2-2-5), 562(3AM1-2-5), 709(3PM1-2-3), 713(3PM1-2-4), 293(2AM1-2-3), 297(2AM1-2-4)
Tohma, Eisaku: 594(3AM1-4-3)
Tokunaga, Tatsuki: 137(1PM1-3-3)
Tokushige, Hitoshi: 153(1PM1-4-1), 161(1PM1-4-3)
Tomita, Yohei: 633(3AM2-2-4)
Torii, Hideyuki: 157(1PM1-4-2), 521(2PM2-4-2)
Toyamaz, Koji: 509(2PM2-3-3)
Tsuchikawa, Kento : 301(2AM1-3-1)
Tsuchiya, Takashi: 617(3AM2-1-4)
Tsuge, Satoru: 121(1PM1-2-5)
Tsujita, Naoya: 761(3PM2-1-1)
Tsunoda, Yuriko: 602(3AM1-4-5)
Tsuruoka, Kouhei: 785(3PM2-2-4), 789(3PM2-2-5), 709(3PM1-2-3), 293(2AM1-2-3), 297(2AM1-2-4)
Tsuruoka, Yasuaki: 610(3AM2-1-2), 614(3AM2-1-3)

U

Uchida, Hidekazu: 481(2PM2-1-3)
Uchino, Eiji: 590(3AM1-4-2), 594(3AM1-4-3), 598(3AM1-4-4)
Uehara, Hideyuki: 65(1AM1-4-2), 73(1AM1-4-4)
Uenohara, Seiji: 93(1PM1-1-4)
Ueta, Tetsushi: 413(2PM1-1-2)
Ui, Takeshi: 582(3AM1-3-5)
Ukai, Shintaro: 101(1PM1-1-6)
Umetani, Tomohiro: 653(3AM2-3-4), 389(2AM2-3-5)
Unoki, Masashi: 201(1PM2-2-1), 105(1PM1-2-1), 333(2AM2-1-1), 477(2PM2-1-2), 109(1PM1-2-2)
Unsworth, Charles: 606(3AM2-1-1)
Uruma, Kazunori: 305(2AM1-3-2)
Uto, Toshiyuki: 721(3PM1-3-1), 725(3PM1-3-2)
Uwate, Yoko: 5(1AM1-1-2), 141(1PM1-3-4), 185(1PM2-1-3), 409(2PM1-1-1), 606(3AM2-1-1), 181(1PM2-1-2), 417(2PM1-1-3), 545(3AM1-1-5)

V

Vu, Tat Thanh: 229(1PM2-3-3)

W

Wachi, Hirotake: 225(1PM2-3-2)
Wada, Masahiro: 653(3AM2-3-4), 389(2AM2-3-5)
Wada, Shigeo: 25(1AM1-2-2), 269(2AM1-1-1), 729(3PM1-3-3), 733(3PM1-3-4), 497(2PM2-2-4)
Wang, Wenjuan: 621(3AM2-2-1)
Watanabe, Hitoshi : 753(3PM1-4-4)
Watanabe, Shigeyoshi: 81(1PM1-1-1)

X

Xin, Jingmin: 185(1PM2-1-3)
Xu, Ren: 449(2PM1-3-3)

Y

Yabuki, Michiro: 617(3AM2-1-4)
Yamagata, Masaya: 169(1PM1-4-5)
Yamaguchi, Toru: 621(3AM2-2-1), 773(3PM2-2-1), 629(3AM2-2-3), 625(3AM2-2-2)
Yamaguchi, Yusaku: 586(3AM1-4-1)
Yamakawa, Taichi: 65(1AM1-4-2)
Yamakawa, Takayuki: 517(2PM2-4-1)
Yamamoto, Katsuhiko: 201(1PM2-2-1), 109(1PM1-2-2)

Yamanaka, Kazuo: 277(2AM1-1-3)
Yamanobe, Fumihisa : 69(1AM1-4-3)
Yamauchi, Hironori: 649(3AM2-3-3)
Yamauchi, Hitoshi: 57(1AM1-3-5), 637(3AM2-2-5)
Yamauchi, Masayuki: 693(3AM1-1-3), 537(3PM1-1-4), 541(3AM1-1-4)
Yamazato, Takaya: 61(1AM1-4-1)
Yanagihara, Yuki: 473(2PM2-1-1)
Yasuda, Hiroyuki: 805(3PM2-4-4)
Yasuno, Takashi: 241(1PM2-3-6), 461(2PM1-4-2), 341(2AM2-1-3)
Yi, Chong: 149(1PM1-3-6)
Yokota, Hitomi: 61(1AM1-4-1)
Yoshida, Kento: 117(1PM1-2-4)
Yoshie, Kotaro: 369(2AM2-2-5)
Yoshikawa, Masaya: 97(1PM1-1-5)
Yoshinaga, Tetsuya: 586(3AM1-4-1)
Yoshino, Tetsutaro: 237(1PM2-3-5)
Yoshizawa, Shingo: 393(2AM2-4-1)
Yuki, Masumi: 469(2PM1-4-4)

Z

Zhanikeev, Marat: 753(3PM1-4-4)
Zhu, Zhi: 201(1PM2-2-1), 109(1PM1-2-2)