

★スマート無線研究会 (SR)

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◎本研究会は参加費が必要になりますので、下記を御参照下さい。

http://www.ieice.org/cs/jpn/kensen/special/e_gihou/e_gihou.html

◎本研究会はSR研究会とSRW研究会の併催です。研究会資料は各研究会ごとに発行されます。

日時 10月23日(月) 9:00~17:55

24日(火) 9:00~18:15

会場 Grand Hotel Palatino, Rome, Italy (Via Cavour 213/M-00187-Rome. Leonardo Express: Rome Termini station.

http://www.fhhotelgroup.it/en/grand-hotel-palatino-roma/where-we-are?_ga=2.63427628.261685365.1503744817-175522768.1503744817 Dr. Paolo Di Lorenzo (Univ. of Rome, Italy))

議題 SmartCom2017

23日午前

1. TBD

Keynote speech 1

2. TBD

Special session 1

3. TBD

23日午後 Poster & Exhibition 1 (14:00~)

共通-4. [技術展示] Verification of Dynamic Frequency Sharing System with Wideband Sensing for 5G

Nobuo Suzuki・Hiromi Matsuno・○Tatsuya Yoshioka・Morihiko Tamai (ATR)・Masaki Kitsunozuka・Kazuaki Kunihiro (NEC)・Shota Yamashita・Koji Yamamoto (Kyoto Univ.)・Yuki Koizumi・Toru Hasegawa (Osaka Univ.)

共通-5. [技術展示] 10 Gbps Ultra-High-Speed Wireless Data Transfer System for 5G Mobile Edge Cloud

○Tomoya Urushihara・Masashi Kobayashi・Naganori Shirakata・Koji Takinami (Panasonic)

共通-6. [技術展示] Application Centric WiGig/Wi-Fi Cooperated Multi User Gigabit Data Transfer System

○Masashi Kobaashi・Tomoya Urushihara・Naganori Shirakata・Koji Takinami (Panasonic)

共通-7. [ポスター講演] Simulation-based Analysis of RSS Location Fingerprinting under Multipath Fading Effects

○Azril Haniz・Gia Khanh Tran・Kei Sakaguchi・Jun-ichi Takada (Tokyo Inst. of Tech.)・Toshihiro Yamaguchi・Tsutomu Mitsui・Shintaro Arata (Koden Electronics)

共通-8. [ポスター講演] Phase Noise Compensation for mm-Wave MU-MIMO OFDM Systems—An Evaluation of Channel Estimation Methods—

○Yuyuan Chang・Kazuhiko Fukawa (Tokyo Inst. of Tech.)

SR-9. [ポスター講演] A Game Theory Approach for Channel Selection and Power Allocation of Multi-channel D2D

○Aunee Azrina Zulkifli・Kaori Kuroda・Mikio Hasegawa (Tokyo Univ. of Science)

共通-10. [ポスター講演] Environmental Aware Hierarchical Wireless Ad Hoc Network on Multiple Frequency Bands and Multiple Channels

○Toshiyuki Shizuoka (UEC)・Osamu Takyu (Shinshu Univ.)・Mai Ohta (Fukuoka Univ.)・Takeo Fujii (UEC)

共通-11. [ポスター講演] Robust and Low Complexity Signal Detection Method based on Power Spectrum under Noise Uncertainty

Hiroyuki Kamata・○Gia Khanh Tran・Kei Sakaguchi・Kiyomichi Araki (Tokyo Inst. of Tech.)

共通-12. [ポスター講演] Experimental Verification of Frequency-Correlation for Radio Environment Recognition Using Crowd Sensing

○Keita Onose・Koya Sato (UEC)・Kei Inage (Tokyo Metropolitan College of Industrial Tech.)・Takeo Fujii (UEC)

共通-13. [ポスター講演] 複数事業者による基地局共用による周波数利用率向上に関する一考察

○村上 誉 (NICT/東大)・沢田浩和・石津健太郎・児島史秀 (NICT)・森川博之 (NICT/東大)

共通-14. [ポスター講演] アンテナ素子間隔を利用したアダプティブアレーアンテナのアンテナ配置

○梅林健太・木本圭優 (東京農工大)・アンティ トリ (Univ. of Oulu)

共通-15. [ポスター講演] A Design of Parity Check Matrix for Iterative Detection and Decoding of Implicitly

- Concatenated Channel Code in Bluetooth Low Energy ○Shinsuke Ibi・Seichi Sampei (Osaka Univ.)
- 共通 (SR 二種)-16. [ポスター講演] Proof-of-Concept of Massive MIMO Calibration Techniques with SDR System below 6 GHz
○Matthias Mehlhose・Thomas Wirth・Thomas Haustein (Fraunhofer Heinrich Hertz Inst.)
- 共通-17. [ポスター講演] Network Selection Scheme Using Positioning Information for Heterogeneous Wireless System—Generation Method of Map Information Using Deep Learning—
○Suguru Kameda・Hideki Fukudome・Noriharu Suematsu (Tohoku Univ.)
- 共通-18. [ポスター講演] An Architecture Study on 5G Networks with Edge Computing and D2D for Improving Communication Quality
○Katsuo Yunoki・Koichiro Kitagawa・Takashi Fujimoto・Bingxuan Zhao・Ryochi Kataoka・Hiroyuki Shinbo (KDDI Research)
- 共通-19. [ポスター講演] A study of Multiple network roaming and Multi-Access Edge interworking
○Shozo Okasaka・Masanori Kosugi・Takeshi Kanazawa (Panasonic)
- Special session 2**
20. TBD
- 24 日午前 Keynote speech 2
1. TBD
- Special session 3**
2. TBD
- 24 日午後 Poster & Exhibition 2 (14:00~)
- 共通-3. [ポスター講演] Performance Evaluation of Prefetching Algorithm for 5G mmWave Edge Cloud
○Hiroaki Nishiuchi・Khanh Tran Gia・Kei Sakaguchi (Tokyo Inst. of Tech.)
- 共通-4. [ポスター講演] A Study of Consideration of Security for PLNC with Untrusted Relay in Game Theoretic Perspective ○Yusuke Shirasaki・Osamu Takyu (Shinshu Univ.)・Takeo Fujii (UEC)・Tomoaki Ohtsuki (Keio Univ.)・Fumihito Sasamori・Shiro Handa (Shinshu Univ.)
- 共通-5. [ポスター講演] A Study of Channel List for Fast Rendezvous Scheme based Learning-based Channel Occupancy Rate Estimation
○Osamu Takyu・Hayato Soya・Keiichiro Shirai (Shinshu Univ.)・Mai Ohta (Fukuoka Univ.)・Takeo Fujii (UEC)・Fumihito Sasamori・Shiro Handa (Shinshu Univ.)
- 共通-6. [ポスター講演] Performance Evaluation of 920 MHz band communication for underground infrastructure monitoring ○Yuri Fujisaki (Kyushu Inst. of Tech.)・Daiki Nobayashi・Kazuya Tsukamoto・Takeshi Ikenaga (Network Design Research Center)
- 共通-7. [ポスター講演] VANET based Effective Data Transmission Control for Spatio-Temporal Data Retention System ○Hiroki Teshiba (Kyushu Inst. of Tech.)・Daiki Nobayashi・Kazuya Tsukamoto・Takeshi Ikenaga (Network Design Research Center)
- 共通-8. [ポスター講演] LTE システムにおける制御チャネルを用いた新規キャリアセンス手法の提案—複数事業者間周波数共用に向けて— ○川崎 耀・伊深和雄・石津健太郎・児島史秀 (NICT)
- 共通-9. [ポスター講演] Evaluating Radio-Based Positioning Systems Using Ray-Tracing Simulation
○Akihiro Wada・Hiromasa Yamauchi・Kaoru Yokoo・Kensuke Sawada・Makoto Hamaminato・Teruhisa Ninomiya (Fujitsu Labs.)
- 共通-10. [ポスター講演] A Study on Beam Pattern of Array for Multi-User MIMO using Null-Space Dimension Expansion Tolerant to Channel Fluctuation ○茂木大輔・塙 弘矩・太郎丸 真・太田真衣 (福岡大)
- 共通-11. [ポスター講演] A Study on Asynchronous Spectrum Hole Detection Method
○Mai Ohta (Fukuoka Univ.)・Takeo Fujii (UEC)・Osamu Takyu (Sinshu Univ.)・Makoto Taromaru (Fukuoka Univ.)
- 共通-12. Concept of Children's Observation System with Enhanced Security—Children's observation by information terminal bus stop in Nonoichi city—
○Mikiko Sode Tanaka (Kanazawa technical collage)・Takahiro Katou・Kazuo Ishida (NEC soluton innovator)
- 共通 (SR 二種)-13. [ポスター講演] 5G V2X Communications for Connected and Autonomous Vehicles
Haesik Kim (VTT Technical Research Centre of Finland)
- 共通-14. [ポスター講演] Experimental Evaluation of Receiver-Driven Medium Access Control Protocol with Duty Cycle Control for Wireless Energy-Harvesting Sensor Networks
○Tatsuhiro Kawaguchi・Ryo Tanabe・Koji Ishibashi (UEC)
- 共通-15. [ポスター講演] Distance-Considered Design of the Transmission Probability for Frameless ALOHA

○Shun Ogata・Koji Ishibashi (UEC)

Special session 4

16. TBD

17. TBD

☆SR 研究会今後の予定 [] 内発表申込締切日

2018年1月25日(木), 26日(金) 九州〔未定〕テーマ:一般

【発表申込先】 下記研究会発表申込システムからお申込み下さい.

<http://www.ieice.org/jpn/ken/kenmoushikomi.html>

【問合せ先】

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◎最新情報はSR研究会のホームページを御覧下さい.

<http://www.ieice.org/cs/sr/jpn/>

☆SRW 研究会今後の予定 [] 内発表申込締切日

11月13日(月), 14日(火) NICT(小金井)〔締切済〕テーマ:IoT ワークショップ

12月18日(月) 早大〔10月14日(土)〕テーマ:WLAN, WPAN, センサネットワーク関連技術, ミリ波通信,
一般

【発表申込先】 下記研究会発表申込システムからお申込み下さい.

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