

★衛星通信研究会 (SAT)

専門委員長 榎木勘四郎 副委員長 豊嶋守生・杉山隆利

幹事 今田諭志・三浦 周

日時 10月23日(木) 10:00~15:20

24日(金) 10:00~14:15

会場 Haeundae Grand Hotel, Busan, Korea (Haeundae-Beach Road 217, Haeundae-gu, Busan. 地下鉄Haeundae駅から徒歩20分. <http://www.haeundaegrandhotel.com/about/location.asp>)

議題 衛星通信技術及び一般 (JC-SAT 2014)

23日午前 Current Status and Future Plans (10:00~10:40)

1. [基調講演] Technical Studies and Preparation Activities for WRC-15 in ITU-R and APT—Satellite Related Agenda/Issues in WRC-15— Muneo Abe (Mitsubishi Electric)

23日午後 Satellite Communication Systems and Applications-1 (13:00~13:50)

2. A Proposal for Aircraft Tracking Satellite System—Never to repeat the disaster of MH370—
Osamu Ichiyoshi (HNB21C)

3. Transmission System for UHDTV Satellite Broadcasting

○Yoichi Suzuki・Masaaki Kojima・Akinori Hashimoto・Naoyoshi Nakamura・Shoji Tanaka・Tomohiro Saito (NHK)・Naoji Okumura (ARIB)

Satellite Communication Systems and Applications-2 (14:05~15:20)

4. Experimental Study on Ground-to-Air and Air-to-Ground communications for Unmanned Aircraft Networks

○Daisuke Takaishi・Hiroki Nishiyama・Nei Kato (Tohoku Univ.)・Ryu Miura・Fumie Ono (NICT)

5. Designing Strategy for Communication Networks by Using Multiple Unmanned Aircrafts 西山大樹 (東北大)

6. Application of DIMM system to satellite tracking

○Tomohiro Watanabe (Tokyo Metropolitan Univ.)・Yoshihisa Takayama (NICT)・Hajime Fukuchi (Tokyo Metropolitan Univ.)

24日午前 Satellite Communication Technologies-1 (10:00~11:15)

1. Experimental Evaluation of Direct Spectrum Division Transmission over Ku band satellite

○Jun-ichi Abe・Katsuya Nakahira・Takatoshi Sugiyama (NTT)

2. Ku-band Satellite Experimental Results of Sub-spectrum Suppressed Transmission for Highly Efficient Satellite Communication Systems

○Jun Mashino・Jun-ichi Abe・Daisuke Goto・Kouhei Suzuki・Takatoshi Sugiyama (NTT)

3. The Development of Spread Spectrum Modem using Phase Rotation Sequences

○Yuji Matsuki・Kazushi Yamamoto・Hideki Igarashi・Hideki Suzuki・Masatsugu Higashinaka・Keisuke Ozaki (Mitsubishi Electric)

24日午後 Satellite Communication Technologies-2 (13:00~14:15)

4. Performance of Symbol Counting Decoding Algorithms for Spinal Codes over Fading Channels

○Yu Morishima (NIT, Suzuka)・Ikuo Oka・Shingo Ata (Osaka City Univ.)

5. Bit Error Rate of Fixed Rate Spinal Codes Combined with 64QAM

○Hodaka Tashiro (Osaka City Univ.)・Yu Morishima (NITSC)・Ikuo Oka・Shingo Ata (Osaka City Univ.)

6. A brief study on antenna pattern measurement for DBF array antenna

○Teruaki Orikasa・Amane Miura (NICT)・Norio Komiyama (AXIS)・Yu Ito・Hajime Fukuchi (Tokyo Metropolitan Univ.)

◎本プログラムは暫定版です。最新のプログラムはHP等で御確認下さい。

【問合先】

SAT研究会幹事

E-mail: sat_ac-sec@mail.ieice.org

今田諭志 (KDDI 研)

TEL [080] 6744-6252, FAX [03] 6678-0457

三浦 周 (NICT)

TEL [042] 327-7632, FAX [042] 327-7553