[WeC2] MIMO and Its Applications

Date / Time	Oct. 24 (Wed.), 2018 / 16:30-18:30
Place	Room C (Grand Ballroom 3)
Session Chairs	Andrés Alayón Glazunov (University of Twente, The Netherlands) Naoki Honma (Iwate University, Japan)

WeC2-1   16:30-16:50

Performance Comparison between Block Maximum SNR Algorithm and MMSE Channel Inversion Algorithm in Multiuser-MIMO Systems

Kosuke Yonezu, Nobuyoshi Kikuma, and Kunio Sakakibara
Nagoya Institute of Technology, Japan

WeC2-2   16:50-17:10

Impact of Power Normalization on System-Level Performance in MU-MIMO with User Scheduling

Ryota Mizutani, Yukiko Shimbo, Hirofumi Suganuma, and Fumiaki Maehara
Waseda University, Japan

WeC2-3   17:10-17:30

Simultaneous Detection of Multiple Targets' Vital Signs Using MIMO Radar

Shun Hasebe, Dai Sasakawa, Kazuma Kishimoto, and Naoki Honma
Iwate University, Japan

WeC2-4   17:30-17:50

Study on Number of Selected Antennas in Massive MIMO Using Block Diagonalization

Yuki Yaku[1], Kentaro Nishimori[1], Yoshiki Shirasawa[1], Ryotaro Taniguchi[1], Yoshiaki Morino[2], Takefumi Hiraguri[2], and Nobuyoshi Kikuma[3]
[1]*Niigata University, Japan,* [2]*Nippon Institute of Technology, Japan,* [3]*Nagoya Institute of Technology, Japan*

WeC2-5   17:50-18:10

An Experimental Study on Indoor Massive 3D-MIMO Channel at 30-40 GHz Band

Jiliang Zhang[1], Andrés Alayón Glazunov[1,2], Jian Yang[1], Xiaoli Chu[3], and Jie Zhang[3]
[1]*Chalmers University of Technology, Sweden,* [2]*University of Twente, The Netherlands,* [3]*University of Sheffield, UK*

WeC2-6   18:10-18:30

Effect of Propagation Environment Control Method Using Drone MIMO Relay Station

Naoki Matsumura[1], Kentaro Nishimori[1], Ryotaro Taniguchi[1], Tsutomu Mitsui[1], and Takefumi Hiraguri[2]
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