



[WeD2] Remote Sensing and Radar

Date / Time	Oct. 24 (Wed.), 2018 / 16:30-18:30
Place	Room D (Napoli Room)
Session Chairs	Hiroyuki Arai (Yokohama National University, Japan) Il-Suek Koh (Inha University, Korea)

WeD2-1

16:30-16:50

Modeling and Simulation for Evaluation of Air-to-Ground Radar Baseband Echo Signals

Bora Seo¹, Jae-Won Rim¹, Il-Suek Koh¹, Jong-Suk Yoon², and Tae-Hyung Kim²

¹Inha University, Korea, ²LIG Nex1 Co., Ltd., Korea

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16:50-17:10

Effect of Tilt-Modulation and Shadowing on Backscatterer of Ocean Surface

Jae-Won Rim and Il-Suek Koh

Inha University, Korea

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17:10-17:30

Correlation between Microwave and Blood Pressure Response Waveforms

Jun Sato, Kazuma Kishimoto, Naoki Honma, Morio Iwai, and Koichiro Kobayashi

Iwate University, Japan

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17:30-17:50

Design Method of Cardioid Pattern by CMA

Kazuki Kamiyama, Bakar Rohani, and Hiroyuki Arai

Yokohama National University, Japan

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17:50-18:10

Study on the Feature Extraction Algorithm for Efficient Ballistic Target Discrimination

In-Oh Choi¹, Min Kim¹, Ki-Bong Kang¹, Sang-Hong Park², and Kyung-Tae Kim¹

¹POSTECH, Korea, ²Pukyong National University, Korea

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18:10-18:30

Target Discrimination for Multiple Vital Sign Detection with Super-Resolution Algorithm

Hyunjae Lee and Jong-Gwan Yook

Yonsei University, Korea