



## [FrF1] [Special Session] Antenna Measurements (AMTA) II

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| <b>Date / Time</b>    | Oct. 26 (Fri.), 2018 / 08:30-10:10  |
| <b>Place</b>          | Room F (Miami Room)   |
| <b>Session Chairs</b> | Satoru Kurokawa (National Institute of Advanced Industrial Science and Technology, Japan)<br>Daniel Janse van Rensburg (NSI-MI Technologies, USA) |

FrF1-1

08:30-08:50

**Antenna Measurement System Using Radio over Fiber Transceiver with Vector Network Analyzer up to 6 GHz**

S. Kurokawa<sup>1</sup>, M. Hirose<sup>1</sup>, Y. Toba<sup>2</sup>, J. Terakado<sup>2</sup>, M. Onizawa<sup>2</sup>, and J. Ichijo<sup>2</sup>

<sup>1</sup>AIST, Japan, <sup>2</sup>Seiko Giken Co., Ltd., Japan

FrF1-2

08:50-09:10

**Near-Field / Far-Field Application for a Spherical Scanner at mm-Wave Frequencies**

Daniël Janse van Rensburg and John Wynne

*NSI-MI Technologies, USA*

FrF1-3

09:10-09:30

**Antenna Measurement System for 5G Application**

Geonho Jang, Seho Park, Hongsik Keum, Sangho Choi, and Goonyeon Kim

*Korea Radio Promotion Association, Korea*

FrF1-4

09:30-09:50

**Field Analysis with Novel Choke Ring Antenna for Bioelectromagnetic Exposure System at 28 GHz**

Philip A. Dzagbletey and Jae-Young Chung

*Seoul National University of Science and Technology, Korea*

FrF1-5

09:50-10:10

**Analysis of Site Attenuation for Calculable Dipole Antenna by the Mismatch Power Loss**

Ki-Chai Kim<sup>1</sup> and Hyuk-Jun Seo<sup>2</sup>

<sup>1</sup>Yeungnam University, Korea, <sup>2</sup>Daegu-Gyeongbuk Medical Innovation Foundation, Korea