



**[ThF1] [Special Session] Antenna Measurements (AMTA) I**

<b>Date / Time</b>	Oct. 25 (Thu.), 2018 / 09:00-10:40
<b>Place</b>	Room F (Miami Room)
<b>Session Chairs</b>	Jin-Seob Kang (KRISS, Korea) David R. Novotny (National Institute of Standards and Technology, USA)

**ThF1-1**

09:00-09:20

**Practical Considerations When Using Commercial Robotic Arms for Antenna Metrology**

David R. Novotny and Joshua A. Gordon

*National Institute of Standards and Technology, USA*

**ThF1-2**

09:20-09:40

**Accuracy Improvement of Antenna-Gain Self-Calibration Method with Electronic Calibration Module**

Michitaka Ameya, Sayaka Matsukawa, and Satoru Kurokawa

*AIST, Japan*

**ThF1-3**

09:40-10:00

**Estimation of the Maximum Directivity of the Antennas Using the Mutual Coupling between Two Antennas**

Ilkyu Kim and Sun-heon Lee

*Defense Agency for Technology and Quality, Korea*

**ThF1-4**

10:00-10:20

**Novel Specification Method for Electromagnetic Wave Leak Point of the Shielding Enclosure Using Time Domain Analysis**

Sayaka Matsukawa and Satoru Kurokawa

*AIST, Japan*

**ThF1-5**

10:20-10:40

**Antenna Measurement Comparison of 700-1100 MHz/R-/X-Band Horn Antennas**

Jin-Seob Kang, Jeong-Il Park, and Jeong-Hwan Kim

*KRISS, Korea*