



## [ThC1] Scattering, Diffraction and RCS

<b>Date / Time</b>	Oct. 25 (Thu.), 2018 / 09:00-10:40
<b>Place</b>	Room C (Grand Ballroom 3)
<b>Session Chairs</b>	Masahiko Nishimoto (Kumamoto University, Japan) Seong-Ho Son (ETRI, Korea)

### ThC1-1

09:00-09:20

#### Electromagnetic Plane Wave Diffraction by Thick Conducting Slits - E Polarization Case -

Khanh Nam Nguyen and Hiroshi Shirai  
*Chuo University, Japan*

### ThC1-2

09:20-09:40

#### Radar Cross Section of a Hemisphere FSS Radome Mounted on a Circular Cylinder

Hokeun Shin, Dong-Chan Son, Sangsu Lee, Jonghyup Lee, Seongro Choi, Hyungjun An, and Yong Bae Park  
*Ajou University, Korea*

### ThC1-3

09:40-10:00

#### Analysis of $H$ -Polarized Wave Scattering by a Metal Cylinder Covered with Inhomogeneous Material

Masahiko Nishimoto<sup>1</sup>, Budiman P.A. Rohman<sup>1,2</sup>, and Yoshihiro Naka<sup>3</sup>  
<sup>1</sup>Kumamoto University, Japan, <sup>2</sup>Indonesian Institute of Sciences, Indonesia,  
<sup>3</sup>Kyushu University of Health and Welfare, Japan

### ThC1-4

10:00-10:20

#### Real-Time Tracking of Moving Anomaly from Scattering Parameters

Won-Kwang Park<sup>1</sup>, Kwang-Jae Lee<sup>2</sup>, and Seong-Ho Son<sup>2</sup>  
<sup>1</sup>Kookmin University, Korea, <sup>2</sup>ETRI, Korea

### ThC1-5

10:20-10:40

#### Alternative Direct Sampling Method in 3D Inverse Electromagnetic Scattering Problem

Sangwoo Kang and Marc Lambert  
*CNRS Group of Electrical Engineering, Paris, France*