

WRC/KMA-NIED Joint Seminar

September 20 (Wed), 2017

(Title omitted)

10:00 – 10:15

Opening remarks

MISUMI Ryohei (Leader of Storm, Flood and Landslide Research Division)

KWON O-Ung (Director of WRC/KMA)

Self-introduction

10:15 – 12:15

Session 1: RADAR NETWORK and OBSERVATION

IWANAMI Koyuru: NIED Cu/Cb observation network in Tokyo Metropolitan Area (25-min)

NAKAI Sento: Research on snowfall observation at the Snow and Ice Research Center (SIRC) (30-min)

GU Ji-Young: Research Radar (X-band) Network for Detection of Severe Local Weather Systems (40-min)

SUZUKI Shin-ichi: (TBD; Key word: severe storm) (25-min)

12:15 - 13:15 Lunch

13:15 – 14:20

Session 2: QUALITY CONTROL

JUNG Sung-Hwa: Quality Control Algorithm for Operational S-band Dual-Polarization Radar (40-min)

MAESAKA Takeshi: Data Quality Control of Ka-band Cloud Radar for Detecting Cumulus Clouds (25-min)

14:20 – 15:40

Session 3: QPE and QPF

OH Young-A: Improvement of Radar Rainfall Estimation using Hybrid Surface Reflectivity Technique over Complex Terrain (40-min)

LEE Jeong-Eun: Improved Radar Rainfall Estimation by Correction of Reflectivity in Partial Beam Blockage Area (40-min)

15:40 – 15:55 Break

SHIMIZU Shingo: Assimilation impact of potential temperature on quantitative precipitation forecasts retrieved from wind analysis in a severe storm; Evidence from high-temporal-resolution volume scans (25-min)

16:20 – 17:10

Session 4: CASE STUDIES

SHUSSE Yukari: Polarimetric radar observation of the melting layer in a snowfall system associated with a south-coast cyclone (tentative) (25-min)

KATO Ryohei: Preliminary Analysis of Northern Kyushu Heavy Rainfall in July 2017 (25-min)

17:15 – 17:30

Discussion

Closing remarks