

**EarthCARE Workshop 2014****Poster Session**

15:00 -16:00 Sep.18 at Conference Room 4

1	Vertical wind measurement in the boundary layer by 1.3-GHz range-imaging wind profiler radar	Masayuki	Yamamoto
2	Effects of local circulation on growth of cloud / localized precipitation in the Fukui plain observed by 2 adjoining 1.3-GHz wind profiler radars and weather radar	Tomoyuki	Nakajo
3	Current status and development of Cloud detection and retrieval algorithms based on EarthCARE/MSI observation	Seiko	Takagi
4	Development of ATLID-MSI synergy for retrieving the vertical profiles of aerosol components	Rei	Kudo
5	Estimation of rain drop size distribution parameter by using CloudSat/CPR and TRMM/PR	Nobuhiro	Takahashi
6	A new source for multi-angular SW radiance co-registration: 3D photon paths from Monte Carlo RTS	Florian	Tornow
7	Retrieval of Effective Radius and Optical Thickness of Liquid Water Clouds with Vertical and Horizontal Inhomogeneity from Multi-Spectral Satellite Measurements	Takashi	Nagao
8	Dust vertical distribution on global scale based on CALIPSO observations	Christoforos	Tsamalis
9	New Insights into Cloud Microphysics Using Joint CloudSat and CALIPSO Lidar Observations	Yuichiro	Hagihara
10	Transport pollution in India	Bharat Lal	Sahu
11	The Challenge to ensure the ESA EarthCARE Data Quality during the exploitation phase	Thorsten	Fehr
12	EarthCARE in-flight characterisation processes and their relevance for instrument performances and Level-1 products quality	Fabrizio	Niro
13	Validation of the height of the atmospheric boundary layer by the space lidar ATLID on board EarthCARE and the ground-based lidars	Kenji	KAI
14	Suggestion for In-Situ Validation of EarthCARE Products Associated with Cloud Droplets and Ice Crystals Using the Hydrometeor Videosonde	Tadayasu	Ohigashi
15	Observational plan to validate ATLID and CPR for aerosols and clouds over the tropical ocean	Kazuaki	Yasunaga
16	In-situ observation of size distribution of spherical and non-spherical particles by UAV borne Polarization Optical Particle Counter (P-OPC)	Masahiko	Hayashi
17	Classification of aerosol optical properties for EarthCARE/MSI using support vector machine technique	Satoru	Fukuda
18	Status of the Global Precipitation Measurement (GPM) mission in Japan	Takuji	Kubota
19	Development of Hydrometeor Particle Type Classification derived from Space-borne Radar and Lidar	Maki	Hirakata
20	Introduction of cloud and aerosol observations by GOSAT and GOSAT-2	Kei	Shiomi
21	JAXA Data Distribution System Overview	Mitsuhiko	Fuda