

**DAY 2, Nov. 19, 2024 (Tue)**

No.	Time (JST)		Time (UTC)		period	Session (Chair)	Speaker	Affiliation	Title		
1	9:30	-	9:35	0:30	-	0:35	0:05	Introduction (M. Kachi)	Misako Kachi	JAXA/EORC	Introduction/Logistics
2	9:35	-	9:40	0:35	-	0:40	0:05		Naoto Ebuchi	JAXA/Hokkaido Univ.	Opening Remarks from Science Team Lead
3	9:40	-	9:50	0:40	-	0:50	0:10		Marina Ohara	JAXA/SAOC	Status of GCOM-W Mission
4	9:50	-	10:05	0:50	-	1:05	0:15		Kazuya Inaoka	JAXA/GOSAT-GW Prj. Team	Status of GOSAT-GW and AMSR3
5	10:05	-	10:20	1:05	-	1:20	0:15		Misako Kachi	JAXA/EORC	Status of GCOM-W & AMSR3 Researches
6	10:20	-	10:35	1:20	-	1:35	0:15		Rigen Shimada	JAXA/EORC	Preparation for the AMSR3 launch
	10:35	-	10:50	1:35	-	1:50	0:15	Break			
7	10:50	-	11:10	1:50	-	2:10	0:20	Cryosphere I (K. Nakata)	Kohei Cho	Tokai Univ.	Maintenance and improvement of sea ice concentration & thin ice area extraction algorithms for AMSR2 & AMSR3
8	11:10	-	11:30	2:10	-	2:30	0:20		Gunnar Spreen	Univ. of Bremen	Advancing Polar Remote Sensing with AMSR3: High Resolution Sea Ice Concentration and Atmospheric Total Water Vapor
9	11:30	-	11:50	2:30	-	2:50	0:20		Kazutaka Tateyama	Kitami Institute of Technology	Development and verification of sea ice thickness estimation algorithm for AMSR3, and application of the algorithm to navigation support
10	11:50	-	12:10	2:50	-	3:10	0:20		Eri Yoshizawa	JAXA/EORC	Development of sea ice motion vector products in the Arctic and Antarctic Ocean
	12:10	-	13:30	3:10	-	4:30	1:20	Lunch Break			
11	13:30	-	13:50	4:30	-	4:50	0:20	Cryosphere II (Eri Yoshizawa)	Noriaki Kimura	The Univ. of Tokyo	Development of an algorithm to derivate the high-resolution sea-ice motion from AMSR data
12	13:50	-	14:10	4:50	-	5:10	0:20		Koji Shimada	Tokyo Univ. of Marin Science & Technology	Sea ice variations in the Arctic Ocean using AMSR series derived sea ice monitoring data, and preparations of real field data and validations of sea ice velocity data derived from AMSR3
13	14:10	-	14:30	5:10	-	5:30	0:20		Kay I. Ohshima	Hokkaido Univ.	Creation of a global dataset and heat/salt budget of sea-ice production and melt using AMSR
14	14:30	-	14:50	5:30	-	5:50	0:20		Kazuki Nakata	JAXA/EORC	Development of AMSR2 high-resolution sea ice production estimation for Antarctic coastal polynyas
	14:50	-	15:05	5:50	-	6:05	0:15	Break			
15	15:05	-	15:25	6:05	-	6:25	0:20	Land I (K. Aida)	Kentaro Aida	JAXA/EORC	A study on the impact of soil moisture distribution on AMSR estimation in Mongolia
16	15:25	-	15:45	6:25	-	6:45	0:20		Rajat Bindlish	NASA/GSFC	Development of AMSR3 soil moisture and soil temperature algorithm and validation
17	15:45	-	16:05	6:45	-	7:05	0:20		Simonetta Paloscia	CNR-IFAC	MULTI-FREQUENCY APPROACH FOR MONITORING SOIL MOISTURE AND VEGETATION BIOMASS USING AMSR2/3 INTEGRATED WITH SAR DATA
18	16:05	-	16:25	7:05	-	7:25	0:20		Kumiko Tsujimoto	Okayama Univ.	Development of the AMSR3 & GCOM-W research algorithm for global soil moisture content
	16:25	-	16:40	7:25	-	7:40	0:15	Break			
19	16:40	-	17:00	7:40	-	8:00	0:20	Land II (K. Aida)	Yohei Sawada	The Univ. Tokyo	Drought analysis and predictability based on ecohydrological land reanalysis
20	17:00	-	17:20	8:00	-	8:20	0:20		Kazuyoshi Suzuki	JAMSTEC	Verification for the GCOM-W & AMSR3-based snowfall, snowpack and soil moisture retrievals in the Arctic and elucidation of water and material balance in large northern river basins using an ecohydrological model and satellite data assimilation method
21	17:20	-	17:40	8:20	-	8:40	0:20		Toshio Koike	ICHARM	High-frequency and high-spatial-resolution soil moisture monitoring using satellite-mounted SAR and microwave radiometer and application research to hydrological models