

# Kyushu University-Universiti Teknologi MARA Joint Workshop



Date & Time: 4 Feb.(Wed) 13:30-  
Venue: Room 624, W2, Kyushu University

13:30 - 13:35	Opening Address	Prof. Haruichi Kanaya	
13:35 - 13:40	Opening Address	Dr. SITI AMALINA BINTI ENCHE AB RAHIM	
			<i>12min + 3min</i>
13:45 - 14:00	Session 1	Farzana	CHARACTERIZING THE SENSITIVITY OF MICROWAVE SENSOR-BASED DETECTION VIA DIELECTRIC PROPERTIES ANALYSIS FOR DENGUE VIRUS (DENV-1) PROTEIN
14:00 - 14:15		Hayato TANAKA	Development of a Wideband Energy Harvesting Circuit Utilizing Terrestrial Digital Broadcast Signal
14:15 - 14:30		Farah	Design of Compact UHF RFID Tag Antenna for Metallic Environment
14:30 - 14:45		Naqeeb ULLAH	A Comparator-Less ASK-OOK Data Demodulator Circuit for Downlink Data Transfer Over Inductive Link
14:45 - 15:00		Fatimah Nur	DEVELOPMENT OF COMPACT DUAL-LAYER 4 × 4 BUTLER MATRIX FOR SUB-6 GHz MULTI-BEAM APPLICATIONS
15:00 - 15:15		Break	
15:15 - 15:30	Session 2	Ammar Hafiz	DIELECTRIC PERMITTIVITY AND MORPHOLOGICAL STRUCTURE OF PRE-CARBONIZED WATER TREATMENT PLANT RESIDUALS GENERATED FROM MICROWAVE AND OVEN-HEATED TECHNIQUES
15:30 - 15:45		CHEN HAO	Optimization of Shielded Capacitive Power Transfer (S-CPT) Systems Using Slotted Electrodes
15:45 - 16:00		Faiq	EFFECT OF SAMPLE VOLUME ON RESONANT FREQUENCY RESPONSE OF A DUAL-RING CSRR MICROWAVE SENSOR
16:00 - 16:15		Ryoma KIMIGAWA	Characteristics in the quasi-millimeter wave band of planar transmission lines formed on flexible substrates using direct patterning technology
16:15 - 16:30		Nadia	DESIGN AND INTEGRATION OF TWO CAMERA PAYLOAD FOR IMAGE CLASSIFICATION APPLICATIONS ON A 3U CUBESAT PLATFORM
16:30 - 16:35	Closing Remarks	Dr. Nurul Huda Abd Rahman	
17:00 -		Evening networking meeting (Big orange)	