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PARALLEL SESSIONS

Monday, 12 December 2016, 2.00 pm – 5.40 pm

A1 : Antenna and Radiating Elements 1 @ Adya 3

Chairs

- 1) Mohd Tarmizi Ali (Universiti Teknologi Mara, Malaysia)
- 2) Alyani Ismail (Universiti Putra Malaysia, Malaysia)

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Monday, 12 December 2016, 2.00 pm – 5.40 pm

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- 1) Mohd Tarmizi Ali (Universiti Teknologi Mara, Malaysia)
- 2) Alyani Ismail (Universiti Putra Malaysia, Malaysia)

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Monday, 12 December 2016, 2.00 pm – 5.40 pm

B1 : Passive Component and Coupling Structures @ Adya 4

Chairs

- 1) **Shahrul Kamal A Rahim (Universiti Teknologi Malaysia, Malaysia)**
- 2) **Zahriladha Zakaria (Universiti Teknikal Melaka, Malaysia)**

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- 1) **Shahrul Kamal A Rahim (Universiti Teknologi Malaysia, Malaysia)**
- 2) **Zahriladha Zakaria (Universiti Teknikal Melaka, Malaysia)**

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Monday, 12 December 2016, 2.00 pm – 5.40 pm

C1 : Passive Component and Coupling Structures @ Adya 5

Chairs

- 1) Takahiro Aoyagi (Tokyo Institute of Technology Japan)
- 2) Nor Hisham Khamis (Universiti Teknologi Malaysia, Malaysia)

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Monday, 12 December 2016, 2.00 pm – 5.40 pm

C1 : Passive Component and Coupling Structures @ Adya 5

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- 1) Takahiro Aoyagi (Tokyo Institute of Technology Japan)
- 2) Nor Hisham Khamis (Universiti Teknologi Malaysia, Malaysia)

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PARALLEL SESSIONS

Tuesday, 13 December 2016, 8.40 am – 12.20 pm

A2 : Antenna and Radiating Elements 2 @ Adya 3

Chairs

- 1) Eng Hock Lim (Universiti Tunku Abd Rahman, Malaysia)
- 2) Mohd Fairus Mohd Yusof (Universiti Teknologi Malaysia, Malaysia)

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10.20 am – 10.40 am	Tea Break

PARALLEL SESSIONS

Tuesday, 13 December 2016, 8.40 am – 12.20 pm

A2 : Antenna and Radiating Elements 2 @ Adya 3

Chairs

- 1) Eng Hock Lim (Universiti Tunku Abd Rahman, Malaysia)
- 2) Mohd Fairus Mohd Yusof (Universiti Teknologi Malaysia, Malaysia)

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PARALLEL SESSIONS

Tuesday, 13 December 2016, 8.40 am – 12.20 pm
B2 : RF/ Microwave/Terahertz Circuit and Sytem @ Adya 4

Chairs

- 1) Badrul Hisham Ahmad (Universiti Teknikal Melaka, Malaysia)
- 2) Mohd Fadzil Ain (Universiti Sains Malaysia, Malaysia)

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PARALLEL SESSIONS

Tuesday, 13 December 2016, 8.40 am – 12.20 pm

B2 : RF/ Microwave/Terahertz Circuit and System @ Adya 4

Chairs

- 1) Badrul Hisham Ahmad (Universiti Teknikal Melaka, Malaysia)
- 2) Mohd Fadzil Ain (Universiti Sains Malaysia, Malaysia)

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Tuesday, 13 December 2016, 8.40 am – 12.20 pm

C2 : Electromagnetic Compatibility & Advance Materials @ Adya 5

Chairs

- 1) Mohd Zarar Mohd Jenu (Universiti Tun Hussein Onn Malaysia, Malaysia)
- 2) Wayne Rowe (RMIT University, Australia)

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PARALLEL SESSIONS

Tuesday, 13 December 2016, 8.40 am – 12.20 pm

C2 : Electromagnetic Compatibility & Advance Materials @ Adya 5

Chairs

- 1) Mohd Zarar Mohd Jenu (Universiti Tun Hussein Onn Malaysia, Malaysia)
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PARALLEL SESSIONS

Tuesday, 13 December 2016, 2.00 pm – 5.40 pm

A3 : Antenna and Radiating Elements 3 @ Adya 3

Chairs

- 1) Mohd Haizal Jamaludin (Universiti Teknologi Malaysia, Malaysia)
- 2) Thennarasan Sabapathy (Universiti Malaysia Perlis, Malaysia, Malaysia)

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3.00 pm – 3.20 pm	<p>INVITED PAPER – Size Reduction of MIMO Dielectric Resonator Antenna for LTE Application.....286</p> <p>Mohd Haizal Jamaluddin, Siti Zareen Naqiyah Zool Ambia and Nur Alya Mohammad (Universiti Teknologi Malaysia, Malaysia)</p>
3.20 pm – 3.40 pm	<p>Beam Scanning of Phased Array Antenna Using Phase Modification Method for Satellite Application.....291</p> <p>Aidil Azwan Sharatol Ahmad Shah and Nurul Huda Abd Rahman(Universiti Teknologi MARA, Malaysia); Mohd Tarmizi Ali and Nur Faiqah Fauzi (Universiti Teknologi Mara, Malaysia); Ahmad Azlan Ab Aziz(Universiti Teknologi Mara & UiTM, Malaysia)</p>
3.40 pm – 4.00 pm	Tea Break

PARALLEL SESSIONS

Tuesday, 13 December 2016, 2.00 pm – 5.40 pm

A3 : Antenna and Radiating Elements 3 @ Adya 3

Chairs

- 1) Mohd Haizal Jamaludin (Universiti Teknologi Malaysia, Malaysia)
- 2) Thennarasan Sabapathy (Universiti Malaysia Perlis, Malaysia, Malaysia)

Time	Topic
4.00 pm – 4.20 pm	<p>Optimized Parabolic Reflector Antenna for Malaysia Beam Coverage.....150</p> <p>Nur Faiqah Fauzi and Mohd Tarmizi Ali (Universiti Teknologi Mara, Malaysia); Nurul Huda Abd Rahman (Universiti Teknologi MARA, Malaysia); Yoshihide Yamada (Malaysia-Japan International Institute of Technology, Universiti Teknologi Malaysia, Malaysia); Mohd Aziz Aris(Universiti Teknologi MARA Terengganu, Malaysia)</p>
4.20 pm – 4.40 pm	<p>INVITED PAPER – Radiation Pattern Reconfigurable Antenna: The Design Challenges At GHz Frequencies.....301</p> <p>Thennarasan Sabapathy (University Malaysia Perlis, Malaysia); Ping Jack Soh (Universiti Malaysia Perlis (UNIMAP) & Katholieke Universiteit Leuven, Malaysia); Muzammil Jusoh (Universiti Malaysia Perlis & School of Computer and Communication Engineering, Malaysia); Muhammad Ramlee Kamarudin (Universiti Teknologi Malaysia, Malaysia); Badlishah R Ahmad (Universiti Malaysia Perlis, Malaysia)</p>
4.40 pm – 5.00 pm	<p>Beam Steering of Array Antenna with 2-Orthogonal-I-Shaped Defected Ground Structure.....296</p> <p>Khalid Subhi Ahmad (Universiti Tun Hussein Onn Malaysia (UTHM) Malaysia & Mosul Technical Institute-Iraq); Fauziahanim Che Seman (Universiti Tun Hussein Onn Malaysia-Faculty of Electrical and Electronic Engineering (FKEE)); Shipun Anuar Hamzah (Universiti Tun Hussein Onn Malaysia -Faculty of Electrical and Electronic Engineering (FKEE))</p>
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5.20 pm – 5.40 pm	<p>Partial Ground Dielectric Resonator Antenna for LTE Femtocell Base Stations.....315</p> <p>Aymen Dheyaa Khaleel, Mohd Fais Mansor and Norbahiah Misran(Universiti Kebangsaan Malaysia, Malaysia); Mohammad Tariqul Islam(Universiti Kebangsaan Malaysia & Universiti Kebangsaan Malaysia, Malaysia)</p>

PARALLEL SESSIONS

Tuesday, 13 December 2016, 2.00 pm – 5.40 pm
B3 : Measurement, Sensors & Wave Applications @ Adya 4

Chairs

- 1) Widad Ismail (Universiti Sains Malaysia, Malaysia)
- 2) Kouji Shibata (Hachinohe Institute of Technology Japan)

Time	Topic
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2.20 pm – 2.40 pm	Characterization of Power Amplifier for Wideband Hyperthermia Treatment System.....323 Nizam Uddin and Ibrahim Elshafiey (King Saud University, Saudi Arabia); Abdel Fattah Sheta (King Saud University, College of Engineering, Saudi Arabia)
2.40 pm – 3.00 pm	INVITED PAPER – Design and Implementation of Environmental Monitoring Using RFID and WSN Platform.....328 Lawren Gan (Agilent, Malaysia); Nur Amni Bakar and Farahana Khairi (USM, Malaysia); Widad Ismail (Engineering Campus, Universiti Sains Malaysia, Malaysia)
3.00 pm – 3.20 pm	Feasibility of Brain Stroke Imaging with Microwaves.....334 Ismail Dilman (Istanbul Technical University, Turkey); Uğur Yıldırım (Turkish-German University, Turkey); Sema Cosgun , Semih Dogu , Mehmet Çayören and Ibrahim Akduman (Istanbul Technical University, Turkey)
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PARALLEL SESSIONS

Tuesday, 13 December 2016, 2.00 pm – 5.40 pm

B3 : Measurement, Sensors & Wave Applications @ Adya 4

Chairs

- 1) Widad Ismail (Universiti Sains Malaysia, Malaysia)
- 2) Kouji Shibata (Hachinohe Institute of Technology Japan)

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5.20 pm – 5.40 pm	<p><i>Excitation Coil Design for Single-Sided Magnetic Particle Imaging Scanner.....364</i></p> <p>Abdulkadir Abubakar Sadiq (Universiti Tun Hussein Onn Malaysia, Malaysia); Nurmiza Othman (Universiti Tun Hussein Onn Malaysia, Malaysia); Muhammad Mahadi Abdul Jamil (Universiti Tun Hussein Onn Malaysia & Batu Pahat, Johor, Malaysia)</p>

PARALLEL SESSIONS

Tuesday, 13 December 2016, 2.00 pm – 5.40 pm
C3 : Wireless/Mobile and Radar Technology @ Adya 5

Chairs

- 1) Hizamel M Hizan (Telekom Malaysia (TM) Research & Development, Malaysia)
- 2) Yasser Zahedi (Universiti Teknologi Malaysia, Malaysia)

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