

CONFERENCE SCHEDULE

Date	Time	Event	Venue
12 July 2011 Tuesday	7.30 am – 8.45 am	Registration	Ballroom Foyer Level 3
	8.45 am – 9.30 am	Opening and Welcome Remark	Grand Ballroom Level 3
	9.30 am – 10.15 am	Keynote 1 : VHF Atmospheric Radars: A Review of New Capabilities and Applications Prof. Dr. Takuji Nakamura, NIPR Japan	Grand Ballroom Level 3
	10.15 am – 10.30 am	Tea Break	Ballroom Foyer Level 3
	10.30 am – 1.00 pm	Session 1 Remote Sensing 1	Function Hall I Level 2
		Session 2 Upper Atmospheric Sciences 1	Function Hall II Level 2
		Session 3 Lower Atmospheric Sciences 1	Function Hall III Level 2
	1.00 pm – 2.00 pm	Lunch	Coffee House Level 1
	2.00 pm – 2.45 pm	Keynote 2 : Mass Determination of Very Massive Stars and Progenitors of Pair Creation Supernova Assoc. Prof. Dr. Hasan Abu Kasim University of Malaya (UM), Malaysia	Grand Ballroom Level 2
	3.00 pm – 5.20 pm	Session 4 Lower Atmospheric Sciences 2	Function Hall I Level 2
		Session 5 Upper Atmospheric Sciences 2	Function Hall II Level 2
		Session 6 Remote Sensing 2	Function Hall III Level 2
	5.20 pm	Tea Break	Function Hall Foyer Level 2
8.00 pm – 11.00 pm	BBQ Dinner	Swimming Pool Area Level 9	

13 July 2011 Wednesday	8.45 am - 9.30 am	Keynote 3 : The Johns Hopkins University Experience with Space Weather Modeling: Techniques and Applications Dr. Simon Wing, The Johns Hopkins University, USA	Grand Ballroom Level 3
	9.30 am – 10.00 am	Morning Break	Ballroom Foyer Level 3
	10.00 am – 12.40 pm	Session 7 Astrophysics and Astronomy	Function Hall I Level 2
		Session 8 Satellite Communication	Function Hall II Level 2
		Session 9 Remote Sensing 3	Function Hall III Level 2
	12.40 pm– 2.00 pm	Lunch	Coffee House Level 1
	2.00 pm – 2.45 pm	Keynote 4 : An Introduction to Space Weather: How it Impacts Malaysian Technology and Society Prof. Dr. Mark Moldwin University of Michigan, USA	Grand Ballroom Level 3
	3.00 pm – 5.20 pm	Session 10 Remote Sensing 4	Function Hall I Level 2
		Session 11 Communication Technology	Function Hall II Level 2
		Session 12 Satellite Technology	Function Hall III Level 2
5.20 pm	Tea Break	Function Hall Foyer Level 2	

TECHNICAL PROGRAMME

Tuesday, 12 July 2011

SESSION 1 : Remote Sensing 1
 Venue : Function Hall I
 Session Chair : Assoc. Prof. Dr. Mohammad Tariquul Islam
 Time : 10.30 am – 1.00 pm

Paper ID : 88	Abnormal Driving Detection using Real Time Global Positioning System Data I. Mohamad, M.A.M. Ali and M. Ismail <i>Universiti Kebangsaan Malaysia (UKM), Malaysia</i>
Paper ID : 81	Design of An Array Feed Offset Parabolic Reflector Antenna For A Simple Portable Earth Station J. Shinohara, N. Michishita, Y. Yamada, M.T. Islam and N. Misran <i>National Defense Academy, Japan</i>
Paper ID : 15	Using ASTER GDEM and SRTM Digital Elevation Models to Generate Contour Lines Over Rugged Terrain of Makkah N. Othman, M. Z. Mat Jafri and H.S. Lim <i>Universiti Sains Malaysia (USM), Malaysia</i>
Paper ID : 21	Performances Of Frequency-Based Contextual Classifier For Land Use/Land Cover Using Cropcam UAV Data F.M. Hassan, M.Z. MatJafri, H.S. Lim and M.R. Mustapha <i>Universiti Sains Malaysia (USM), Malaysia</i>
Paper ID : 23	The Estimation of Air Temperature from NOAA/AVHRR Images and the Study of NDVI-Ts Impact Case Study: The Application of Split-Window Algorithms Over (Perak Tengah & Manjong) Area, Malaysia A.A. Hassaballa and A.B. Matori <i>Universiti Teknologi Petronas (UTP), Malaysia</i>
Paper ID : 25	Implementing the GIS Technique for RFI Mapping for Radio Astronomy in Malaysia R. Umar, Z.Z. Abidin and Z.A. Ibrahim <i>Universiti Malaya (UM), Malaysia</i>
Paper ID : 26	The Relationship between Air Surface Temperature and Greenhouse Gases In Peninsular Malaysia During 2003-2008 Retrieved From Airs Data J.M. Rajab, M.Z. Mat Jafri, H.S. Lim, K. Abdullah and F.M. Hassan <i>Universiti Sains Malaysia (USM), Malaysia</i>

Tuesday, 12 July 2011

SESSION 2 : Upper Atmospheric Sciences 1

Venue : Function Hall II
 Session Chair : Dr. Mandeep Singh
 Time : 10.30 am – 1.00 pm

Paper ID: 33	TEC variations in the Southeast Asian Equatorial Anomaly Region During the Magnetic Storms Using Signal from GPS Satellite Le Minh Tan, Hoang Van Hue, Phung Viet Hai and Dao Ngoc Hanh Tam <i>Tay Nguyen University, Vietnam</i>
Paper ID: 49	Loss-of-Lock Statistics from the GPS Receiver near Suvarnabhumi Airport, Thailand P.P.L. Hoai, S. Rungraengwajjake and P. Supnithi <i>King Mongkut's Institute of Technology Ladkrabang</i>
Paper ID: 75	Observation of GPS Ionospheric Scintillation at UKM, Malaysia A. Seif , M. Abdullah, A.M. Hasbi and Y. Zou <i>Universiti Kebangsaan Malaysia (UKM), Malaysia</i>
Paper ID: 79	True Height Description of Equatorial F-layer over Parit Raja, Batu Pahat, Malaysia Z.A. Rhazali and A.F.M. Zain <i>Universiti Tenaga Nasional (UNITEN), Malaysia</i>
Paper ID: 84	Comparison of Three Methods to Determine the Spectral Parameters (P and T) for GPS Tracking Error Calculation M.H. Mokhtar and H.J. Strangeways <i>University of Leeds, UK</i>
Paper ID: 102	Prediction of VLF Propagation Signal JJI Japan Disturbed by Lightning Using Artificial Neural Networks : Preliminary Results Suryadi, M. Abdullah and H. Husain <i>Universiti Kebangsaan Malaysia (UKM), Malaysia</i>
Paper ID: 36	DGPS Positional Improvement by Mitigating the Ionospheric Horizontal Gradient using GPSurvey K. Nagarajoo <i>University Tun Hussein Onn Malaysia (UTHM), Malaysia</i>

Tuesday, 12 July 2011

SESSION 3 : Lower Atmospheric Sciences 1

Venue : Function Hall III
 Session Chair : Dr. Wayan Suparta
 Time : 10.30 am – 1.00 pm

Paper ID: 66	Atmospheric Gas Impact on Fixed Satellite Communication Link: A Study of its Effects at Ku, Ka and V bands in Nigeria O.T. Victor, M.J. Singh and M. Abdullah <i>Universiti Kebangsaan Malaysia (UKM), Malaysia</i>
Paper ID: 38	Sky Brightness Measurement During 2010 Annular Solar Eclipse in Hulhule, Maldives M. Hafiz and M.Z. Zainuddin <i>University Malaya (UM), Malaysia</i>
Paper ID: 42	Rain Height Information from TRMM Precipitation Radar for Satellite Communication in Malaysia N.A.M. Aris, J. Din and H. Y. Lam <i>Universiti Teknikal Malaysia (UTEM), Malaysia</i>
Paper ID: 145	Satellite and Ground Data Rainfall Characterization In Malaysia Semire, F. Abiola and R.M. Mokhtar <i>Ladoke Akintola University of Technology, Nigeria</i>
Paper ID: 44	The Impact of the Typhoon to East Malaysia on Orographic Effect F. Tan, H.S. Lim and K. Abdullah <i>Universiti Sains Malaysia (USM), Malaysia</i>
Paper ID: 61	Statistics of Anomalous Propagation Over Nigeria B. Ayantunji, P. Okeke, J. Urama and N. Yusuf <i>University of Nigeria, Nigeria</i>
Paper ID: 73	Modified ITU-R Rain Attenuation Model for Equatorial Climate O.W. Hui, M.J. Singh, M. Abdullah, M.T. Islam, M. Ismail, W. Suparta, B. Yatim and P. S. Menon <i>Universiti Kebangsaan Malaysia (UKM), Malaysia</i>

Tuesday, 12 July 2011

SESSION 4 : Lower Atmospheric Sciences 2

Venue : Function Hall I
 Session Chair : Dr. Karthigesu Nagarajoo
 Time : 3.00 pm – 5.20 pm

Paper ID: 74	Development of New Tropospheric Scintillation Prediction Model For County in Tropical Climate A.C.C. Yeel, M.J. Singh, M. Abdullah, M.T. Islam, M. Ismail, W. Suparta and B. Yatim <i>Universiti Kebangsaan Malaysia (UKM), Malaysia</i>
Paper ID: 43	Preliminary Analysis on the Effect of Rain Attenuation on FSO Propagation Measured In Tropical Weather Condition S.A. Zabidi, W. Al-Khateeb, A.W. Naji and M.R. Islam <i>International Islamic University Malaysia (IIUM), Malaysia</i>
Paper ID: 90	A Study of the Coreless Winter Effects on the GPS Tropospheric Delay In Antarctica W. Suparta, F.N.A Bakar and M. Abdullah <i>Universiti Kebangsaan Malaysia (UKM), Malaysia</i>
Paper ID: 95	Evaluation of GPS PWV Anomaly during ENSO M.A.M. Ali, B. Yatim, F.H.A. Rahim and M.J. Singh <i>Universiti Kebangsaan Malaysia (UKM), Malaysia</i>
Paper ID: 4	Model Study of the Influence of Charged Dust/Aerosol on Electrical Conductivity and Low Latitude Mesospheric Echoes (LMEs) N. Srivinas <i>Maharani's Science College for Women (University of Mysore), India</i>
Paper ID: 60	Detection of Lightning Activity Occurrence with GPS PWV Measurements W. Suparta, J. Adnan and M.A.M. Ali <i>Universiti Kebangsaan Malaysia (UKM), Malaysia</i>

Tuesday, 12 July 2011

SESSION 5 : **Upper Atmospheric Sciences 2**
 Venue : Function Hall II
 Session Chair : Mrs. Alina Marie Hasbi
 Time : 3.00 pm – 5.20 pm

Paper ID: 87	TEC Variations at GPS Stations Over High – Latitude and at the Equatorial Region M. Abdullah, S. Abdullah, S.A. Bahari, Asnawi, W. Suparta, A.F.M. Zain, A. Kadokura and G. Bjornsson <i>Universiti Kebangsaan Malaysia (UKM), Malaysia</i>
Paper ID: 77	Proposed Physical Mechanism for Upper-Lower Atmospheric Coupling from GPS Perspective W. Suparta <i>Universiti Kebangsaan Malaysia (UKM), Malaysia</i>
Paper ID: 76	Investigation of the D-Region Ionosphere Characteristic Using Tweek Atmospheric at Low Latitudes K.K.M. Shariff, M.M. Salut, M. Abdullah and K.L. Graf <i>Universiti Kebangsaan Malaysia (UKM), Malaysia</i>
Paper ID: 70	Effect of Enhanced X-Ray Flux on the D and F Layer Ionospheric Ionization During Extreme Solar Events S.C. Tripathi, P.A. Khan, A. Ahmad, P. Bhavre, P.K. Purohit and A.K. Gwal <i>Barkatullah University, India</i>
Paper ID: 57	Possible Correlation between Solar Activity and Global Seismicity M.H. Jusoh and K. Yumoto <i>Kyushu University, Japan</i>

Tuesday, 12 July 2011

SESSION 6 : **Remote Sensing 2**
 Venue : Function Hall III
 Session Chair : Dr. Mohammad Faiz Liew Abdullah
 Time : 3.00 pm – 5.20 pm

Paper ID: 35	Carbon Monoxide Mixing Ratio Variations Over Peninsular Malaysia From AIRS Observation : 2003 – 2009 J.M. Rajaba, M.Z.M. Jafri, H.S. Lim, K. Abdullah and F.M. Hassan <i>Universiti Sains Malaysia</i>
Paper ID: 37	Image Fusion and Geo-Localisation of Images for UAV Applications R. Subramanian, M. Munna, K. Senthilkumar and G. Kavitha. <i>Madras Institute of Technology, Anna University, India</i>
Paper ID: 45	Reflectance Characteristic of Certain Mangrove Species at Matang Mangrove Forest Reserve, Malaysia B.B. Chun, M.Z.M. Jafri and L.H. San <i>Universiti Sains Malaysia (USM), Malaysia</i>
Paper ID: 46	Detection of Land Use/Land Cover Changes for Penang Island, Malaysia T.K. Chooi, L.H. San and M.Z.M. Jafri <i>Universiti Sains Malaysia (USM), Malaysia</i>
Paper ID: 47	Land Cover/Use Classification by Using ALOSPALSAR and ALOS-AVNIR Data C.K. Sim, K. Abdullah, M.Z.M. Jafri and H.S. Lim <i>Universiti Sains Malaysia (USM), Malaysia</i>
Paper ID: 41	Inner and Outer Decoding Performance of Convolutional Codes Melinda <i>Syiah Kuala University, Indonesia</i>
Paper ID: 51	Location Management Cost Reduction using Fuzzy logic in Cellular Radio Network R. Munadi, M. Ismail, M. Abdullah and N. Misran <i>Syiah Kuala University, Indonesia</i>

Wednesday, 13 July 2011

SESSION 7 : Astrophysics and Astronomy

Venue : Function Hall I

Session Chair : Dr. Mandeep Singh

Time : 10.00 am – 12.40 pm

Paper ID : 19	<p>Acceleration Due to Gravity Changes During Solar Eclipse Phases M.Z. Zainuddin, N.A. Ambak, M.S. Yahya and M.H.M. Saadon <i>University of Malaya (UM), Malaysia</i></p>
Paper ID : 14	<p>The Varying Universe: Participation of NCU in TAOS and Pan-STARRS1 Projects C.C. Ngeow, W.P. Chen, D. Kinoshita, Y. Chou and W.H. Ip <i>National Central University, Taiwan</i></p>
Paper ID : 22	<p>Methods and Applications of Radio Frequency Interference Surveys for Radio Astronomy in Malaysia Z.Z. Abidin, Z.A. Ibrahim, Z. Rosli, S.R. Hassan, S.F.F. Malim, N. Noorazlan, M.A.A. Aziz and A.S.M. Suhaimi <i>University of Malaya (UM), Malaysia</i></p>
Paper ID : 24	<p>Determining the Dark Matter Content of Dwarfs and Dwarfs Spheroidal Galaxies in the Local Group Cluster Using the CAS Parameters U.F.S.U. Ibrahim, Z.Z. Abidin, N. Hashim, M.S.R. Hassan and Z.A. Ibrahim <i>University of Malaya (UM), Malaysia</i></p>
Paper ID : 52	<p>Design, Construction and Performance of a Spectrograph for Recording the Flash Spectrum during Solar Eclipse C.W. Loon and M.Z. Zainuddin <i>University Of Malaya (UM), Malaysia</i></p>
Paper ID : 54	<p>Craters Detection on Lunar N.D. Kamarudin, S.N. Makhtar and H.D.M. Hidzir <i>Universiti Pertahanan Nasional Malaysia (UPNM), Malaysia</i></p>
Paper ID : 86	<p>Optimization of Two-Element Antenna Array for Low-Frequency Transient Radio Telescope R. Anwar, M.T. Islam, N. Misran, G. Gopir and B. Yatim <i>Universiti Kebangsaan Malaysia (UKM), Malaysia</i></p>
Paper ID : 109	<p>Digital Single Lens Reflex (DSLR) Camera and Sky Quality Meter (SQM) Calibration for Sky Brightness Measurement M.R. Tahar <i>Planetarium Negara, Malaysia</i></p>

Wednesday, 13 July 2011

SESSION 8 : Satellite Communication
 Venue : Function Hall II
 Session Chair : Prof. Dr. Mahamod Ismail
 Time : 10.00 am – 12.40 pm

Paper ID : 7	Best Position Method for Experimental Data Acquisition Systems Using Low-cost GPS Receiver Abba, W.A.W.Z. Abidin, A. K. Othman, K.H. Ping and M. Abdullah <i>Universiti Malaysia Sarawak (UNIMAS), Malaysia</i>
Paper ID : 17	Space Technology for the Blind and Visually Impaired N. B. Pathy, N. Mat Noh, S. I. Moslin and M. D. Subari <i>National Space Agency, Malaysia</i>
Paper ID : 11	Open Space Mathematical Model for the Mobile Satellite L-Band Signal in Sarawak Using Global Positioning System Technology B.V. Pai, W.A.W.Z. Abidin, H. Zen, T. Masri and M. Abdullah <i>Universiti Malaysia Sarawak (UNIMAS), Malaysia</i>
Paper ID : 56	Remote Data Acquisition and QC Tools for Vehicle Navigation Mapping Solution N. Ghazali, W.N.W. Shahidan, M. Norman and N. Jusoh <i>Universiti Teknologi Mara (UiTM), Malaysia</i>
Paper ID : 111	Study of BER in DVB-S2 Satellite Implemented in Matlab B. Azarbad, A. Sali, B.M. Ali and H.A.Karim <i>Universiti Putra Malaysia (UPM), Malaysia</i>

Wednesday, 13 July 2011

SESSION 9 : **Remote Sensing 3**
 Venue : Function Hall III
 Session Chair : Prof. Dr. Takuji Nakamura
 Time : 10.00 am – 12.40 pm

Paper ID : 78	<p>Analysis of Lightning-induced Transient in 2.4 GHz Wireless Communication System R. Ahmad, M. Rashid, M.H.A. Aziz, M.M. Esa, V. Cooray, M. Rahman and E. Dutkiewicz <i>Universiti Teknikal Malaysia Melaka (UTEM), Malaysia</i></p>
Paper ID : 62	<p>Detection of Sediment Area in MODIS Imagery Utilizing Atmospheric Channels A.R.M. Amin, S.M. Yusop and K. Abdullah <i>Universiti Teknologi Mara (UiTM), Malaysia</i></p>
Paper ID : 63	<p>Statistical Approach in Determination of Tuberculosis Spatial Pattern M. Norman, N. Ghazali and A.F.M.A. Manaf <i>Universiti Teknologi Mara (UiTM), Malaysia</i></p>
Paper ID : 80	<p>Remote Sensing for Mapping Surface Water Quality in the Coastal Area of Aceh, Indonesia: Sedimentation Effects of the December 2004 Tsunami S. Syahreza, L.H. San, M.Z.M. Jafri and M.R. Mustapha <i>Syah Kuala University, Indonesia</i></p>
Paper ID : 94	<p>Texture Analysis of AIRSAR Images for Land Cover Classification S.P.A.R. Putra, S.C.Keat, K. Abdullah, L.H. San and M.N.M. Nordin. <i>Universiti Sains Malaysia (USM), Malaysia</i></p>
Paper ID : 99	<p>Monitoring Water Quality from Landsat TM Imagery in Penang, Malaysia S.M. Yusop, K. Abdullah, L.H. San and M.N.A. Bakar <i>Universiti Sains Malaysia (USM), Malaysia</i></p>
Paper ID: 67	<p>Update on Magdas Activities around the Globe during ISWI K. Yumoto <i>Kyushu University, Japan</i></p>

Wednesday, 13 July 2011

SESSION 10 : **Remote Sensing 4**
 Venue : Function Hall I
 Session Chair : Assoc. Prof. Dr. Norbahiah Misran
 Time : 3.00 pm – 5.20 pm

Paper ID : 101	Deriving Urban Sealed Surface Density Map Using Linear Spectral Unmixing Analysis H.T. Teh, H.S. Lim and M.Z. Mat Jafri <i>Universiti Sains Malaysia (USM), Malaysia</i>
Paper ID: 128	Studies of Chlorophyll-a Distribution in Northern Region Coast of Peninsular Malaysia using Satellite Remote Sensing S. Hashim, R.H. Narashid and Z.M. Arof <i>Universiti Teknologi Mara (UITM), Malaysia</i>
Paper ID: 139	Landslide Monitoring in Malaysia; Reality and Future Prospects F. Jeber, M.F.M. Isa and A. Matori <i>Universiti Teknologi Petronas (UTP), Malaysia</i>
Paper ID: 148	Assessment of Water Content Using Remote Sensing Normalized Difference Water Indices: Preliminary Study M.R. Sheriza and N.A. Ainuddin <i>Universiti Putra Malaysia (UPM), Malaysia</i>
Paper ID: 82	Compact Planar Antenna with Dual Band-Notched Characteristics for UWB Applications R. Azim, Md. S. Alam, N. Misran, A.T. Mobashsher and M.T. Islam <i>Universiti Kebangsaan Malaysia (UKM), Malaysia</i>
Paper ID: 104	Analysis on Split Concept of Reflectarray Antenna Element for Bandwidth Enhancement S.H. Yusop, N. Misran, M.T. Islam and M.Y. Ismail <i>Universiti Kebangsaan Malaysia (UKM), Malaysia</i>
Paper ID: 83	Evaluation of SAR in the Human Head Due to Hand Ring Jewellery at 900 and 1800 MHz H.Z. Abidin, M.R.I. Faruque, M.T. Islam and N. Misran. <i>Universiti Kebangsaan Malaysia (UKM), Malaysia</i>

Wednesday, 13 July 2011

SESSION 11 : Communication Technology

Venue : Function Hall II
 Session Chair : Dr. Gan Kok Beng
 Time : 3.00 pm – 5.20 pm

Paper ID: 93	Numerical Analysis of Aluminium Sheet for SAR Reduction N.H.M. Hanafi, M.T. Islam, N. Misran and M.R.I. Faruque <i>Universiti Kebangsaan Malaysia (UKM), Malaysia</i>
Paper ID: 106	A New I Slotted Compact Microstrip Antenna for L1 & L2 Bands U.U. Hussine, M.T. Islam and N. Misran <i>Universiti Kebangsaan Malaysia (UKM), Malaysia</i>
Paper ID: 117	Theoretical Analysis of Multiple Transmitters/Receivers on the Performance of Free Space Optics (FSO) Link N.H.M. Noor, A.W. Naji and W. Al-Khateeb <i>International Islamic University Malaysia (IIUM), Malaysia</i>
Paper ID: 10	Analysis of Normal and Superconducting Coplanar Waveguides in Radio Astronomy K.H. Yeap, K.C. Yeong, E.H. Lim, C.C. Yang and C.Y. Tham <i>Tunku Abdul Rahman University (UTAR), Malaysia</i>
Paper ID: 9	Design of Hybrid & Power Combiner at X-Band For UQPSK Using Microstriplines C.R. Byrareddy, N.C.E. Reddy and C.S. Sridhar <i>Bangalore Institute of Technology , Bangladesh</i>
Paper ID: 65	Lattice Sphere Decoding Technique for Block Data Transmission Systems M.A.M. Albreem and M. F. M. Salleh <i>Universiti Sains Malaysia (USM), Malaysia</i>
Paper ID: 85	A Fault Tolerant Secured Slepian-Wolf Coding Scheme for Data Aggregation in Wireless Sensor Networks S. Rajabi and P. Ghaffarian <i>Sharif University of Technology-International campus, Iran</i>
Paper ID: 58	System Level Design and Analysis of an 8 GHz Low Earth Orbit Satellite Transmitter Y.A. Ahmad, F.D. Jaswar, A.S. Arshad, M.A.M. Ali and H. Sanusi <i>Astronautic Technology (M) Sdn Bhd (ATSB), Malaysia</i>

Wednesday, 13 July 2011

SESSION 12 : **Satellite Technology**
 Venue : Function Hall III
 Session Chair : Assoc. Prof. Ir. Dr. Mardina Abdullah
 Time : 3.00 pm – 5.20 pm

Paper ID : 18	Preliminary Analysis of Investigation Radio Frequency Interference (RFI) Profile Analysis at UNIVERSITI TEKNOLOGI MARA Z.S. Hamidi, Z.Z. Abidin, Z.A., Ibrahim, N.N.M. Shariff, U.F.S.U. Ibrahim and R. Umar <i>University Malaya (UM), Malaysia</i>
Paper ID : 29	Space Lifeboat : An Instant Inflatable Structure For Space Applications L. Mehnen, P. Slowik and I.C. Gebeshuber <i>Universiti Kebangsaan Malaysia (UKM), Malaysia</i>
Paper ID : 131	A Complete Survey: On Board Computer's Microcontroller Selection for ICUBE II Cubesat M.B. Ubaid, H. Tayyaba, M. Rehan and K. Khurram <i>Institute of Space Technology, Pakistan</i>
Paper ID : 138	FPGA Based on Board Computer for LEO Satellites M.M. Ibrahim, A.M. Tobal, M.Y. El Nahas and M.K. Refai <i>National Authority for Remote Sensing and Space Sciences, Egypt</i>
Paper ID : 155	Rain Gauge Development Employing Bluetooth and RF Modem T. Yuwono, Ruzardi and M. Ismail <i>Universitas Islam Indonesia, Indonesia</i>