



INTERNATIONAL BUILDING AND INFRASTRUCTURE TECHNOLOGY CONFERENCE 2011
JUNE 7 – 8, 2011
VISTANA HOTEL PENANG

CONFERENCE PROGRAM (FINAL)

DAY 1: JUNE 7

Time	June 7 – Track 1 Building and Infrastructure	June 7 – Track 2 Material and Structure		
0800 - 0845	Registration			
0845 - 0900	Arrival of Guest and VIPs			
0900 - 0910	Welcoming Remarks by BITECH2011 Chairman Dr Hanizam Awang			
0910 - 0930	Opening Speech by The Vice Chancellor, Universiti Sains Malaysia Professor Tan Sri Dato' Dzulkifli Abdul Razak			
0930 - 1030	Keynote Address 1 by Dato' Ir Dr Ismail Mohamed Taib, Managing Director of Jambatan Kedua S/B, Penang Second Crossing concessionaire.			
1030 - 1100	Tea Break			
1100 - 0100	Technical Presentation 1A (Room 1)	Technical Presentation 1B (Room 2)		
	T103	COST-EFFECTIVENESS MANAGEMENT PROGRAM OF MULTI-STOREY BUILDINGS DURING DESIGN PHASE IN IRAQ <i>Basil K. Mohamed</i>	T104	THE PERFORMANCE OF CONCRETE BEAMS REINFORCED WITH EMBEDDED CFRP PLATES <i>R.B. Ohu, M.S. Jaafar, J. Noorzaie, F.N. Aznieta and A.H. Alwathaf</i>
	T105	TRAFFIC ACCIDENTS ANALYSIS IN LIBYA <i>Hussin .A.M. Yahia and Amiruddin Ismail</i>	T107	SEISMIC RISK ASSESSMENT OF BUILDINGS IN KOLLAM INDIA <i>Narayanan Sambu Potty and Sirajuddin, M</i>
	T109	COMPUTER APPLICATION IN EARLY PHASE OF DESIGN OF INTELLIGENT BUILDINGS <i>Sutapa Das and Abhijit Chaudhuri</i>	T113	STRESS-STRAIN RELATIONSHIP FOR MASONRY MODELLING <i>Ahmed Hasan Alwathaf, Mohd Saleh Jaafar, Waleed A. Thanoon, Jamaloddin Noorzaei</i>
	T111	ASSESSING THE GREEN ROOF TECHNOLOGY IN GREEN BUILDING RATING SYSTEMS <i>Lee Xia Sheng, Ati Rosemary Mohd Ariffin, Hazreena Hussein</i>	T114	THE NEEDS OF INDUSTRIALISED BUILDING SYSTEM IN MALAYSIA <i>Muhamad Azani Yahya, Suriyadi Sojijpto, Ahmad Shahrir Ismail</i>
	T112	SUITABLE CRITERIA FOR THE LOCATION OF GATED COMMUNITY HOUSING	T118	SUSTAINABLE HOUSING USING AN INNOVATIVE MORTARLESS INTERLOCKING BLOCKWORK

		<i>Zurinah Binti Tahir, Khadijah Binti Hussin</i>		SYSTEM – THE EFFECT OF PALM OIL FLY ASH (POFA) AS AN AGGREGATE REPLACEMENT <i>Nasly M.A, Abu Azam Md Yassin, Norhaiza Nordin, Khairunisa Abdullah, Noram Irwan Ramli</i>
	T117	A LITERATURE REVIEW ON THE STATE AND PRACTICE OF LCC IN MALAYSIA <i>Mohd Fairullazi Ayob, Khairuddin Abdul Rashid</i>	T121	CIVIL ENGINEERING AND ARCHITECTURAL BUILDING FEATURES DISPARITY AND PRESERVATION OF STRUCTURAL AND FABRICS INTEGRITY IN HERITAGE BUILDING: A REVIEW <i>Siti Nor Fatimah Binti Zuraidi, Zainal Abidin Akasah, Mohammad Ashraf Abdul Rahman</i>
		QUESTION AND ANSWERS		QUESTION AND ANSWERS
0100 - 0200		Lunch Break		
0200 - 0340		Technical Presentation 2A (Room 1)		Technical Presentation 2B (Room 2)
	T122	PROBLEMS OF CONSTRUCTION QUALITY IN SARAWAK, MALAYSIA <i>Ibrahim, S. H., Baharun, A., Ayagi, K. M.</i>	T119	INNOVATIVE SEISMIC BASE ISOLATION TECHNIQUE <i>Shivam R. Mishra Sameer S. Dhuri</i>
	T191	RELATIONSHIP BETWEEN ROADSIDE DEVELOPMENTS AND ROAD TRAFFIC ACCIDENTS <i>Intan Suhana Mohd Razelan, Adnan Zulkiple, Azlina Ismail</i>	T129	FULLY UTILISATION OF FINE BOTTOM ASH AGGREGATE (FBAA) AS REPLACEMENT AGGREGATE IN CONCRETE BLOCK <i>Mohd Syahrul Hisyam Mohd Sani, Fadhluhartini Muftah, Zulkifli Muda</i>
	T128	MANAGING RISK CONSTRAINTS OF MULTIPLE DESIGN & BUILD PROJECTS <i>S.P. Narayanan, Arazi B. Idrus, CT. Ramanathan</i>	T130	STRENGTH AND PERMEABILITY OF FIBRE REINFORCED POOR FINES HIGH STRENGTH CONCRETE <i>Kwan Wai Hoe, Mahyuddin Ramli</i>
	T196	ESTABLISHMENT AND DEVELOPMENT OF IBS IN MALAYSIA <i>Mohammad Abedi, Mohamad Syazli Fathi, Abdul Karim Mirasa</i>	T132	CHARACTERISATION OF HIGH CALCIUM WOOD ASH FOR USE AS MINERAL ADMIXTURE IN CONCRETE <i>Cheah Chee Ban, Mahyuddin Ramli</i>
	T147	SUBURBAN NEIGHBORHOODS SATISFACTION TOWARDS CREATION HIGH QUALITY OF URBAN LIFE THROUGH NEW URBANISM <i>Rozina Farajollahzdeh, Hasanuddin Lamit</i>	T133	ILLUMINATING INDOOR SPACES FOR THE WELL BEING OF OCCUPANTS USING INNOVATIVE ROOFING SYSTEM <i>Hazril Sherney Basher, Abdul Malek Abdul Rahman</i>
		QUESTION AND ANSWERS		QUESTION AND ANSWERS
0340 - 0400		Tea Break		
0400 - 0500		Technical Presentation 3A (Room 1)		Technical Presentation 3B (Room 2)
	T148	ASSESSMENTS OF GREEN BUILDING INDEX RATING FOR CONCRETE AND ITS EFFECTS ON GLOBAL WARMING <i>Alonge O. Richard, Mahyuddin Ramli</i>	T146	STATIC LOADING ON DEEP BEAMS WITH LARGE OPENING WITH AND WITHOUT CFRP SHEETS AT BENDING ZONE <i>Preetpal Kaur a/p Ragbir Singh, Nasir Shafiq</i>
	T149	THE POTENTIALS OF URBAN WIND POWER IN MALAYSIA <i>Hirda Lailani Khalid, Abdul Malek Abdul Rahman</i>	T135	FINITE ELEMENT MODELLING OF RC BEAMS WITH LARGE OPENING AT CRITICAL FLEXURE AND SHEAR STRENGTHENED WITH CFRP

				LAMINATES <i>Chin S.C, Shafiq N., Nuruddin M.F.</i>
	T150	FACILITIES MANAGEMENT DECISION SUPPORT IN INTELLIGENT BUILDING TECHNOLOGIES: A STUDY IN KLANG VALLEY, MALAYSIA <i>Mohamad Ridzuan Yahya</i>	T137	PRELIMINARY STUDY ON STRUCTURAL BEHAVIOUR OF PRECAST LIGHTWEIGHT FOAMED CONCRETE SANDWICH PANEL <i>N. Mohamad, A.A.A Samad, W. Adnan</i>
		QUESTION AND ANSWERS		QUESTION AND ANSWERS

End of Day 1

DAY 2: JUNE 8

Time	June 8 – Track 1 Building and Infrastructure	June 8 – Track 2 Material and Structure		
0900 - 1000	Keynote Address 2 by: Dato' Mohamed Fadzill Hassan, President of Malay Contractors Association Penang			
1000 - 1030	Tea Break			
1030 - 0100	Technical Presentation 4A (Room 1)	Technical Presentation 4B (Room 2)		
	T151	A STUDY OF THE HEALTH AND SAFETY CIRCUMSTANCES OF SHOP APARTMENT AND APARTMENT BUILDINGS IN KLANG VALLEY, MALAYSIA <i>Mohamad Ridzuan Yahya</i>	T139	DISTRIBUTION OF LIVE LOAD ON SKEWED MULTICELL BOX-GIRDER BRIDGES UDER TRUCK LOADS <i>Mohseni, Iman, Khalim A, R</i>
	T152	MAINTENANCE MANAGEMENT SYSTEM FOR INDUSTRIALIZED BUILDING SYSTEM <i>Ng Ban Kiong, Zainal Abidin Akasah</i>	T140	EXPERIMENTAL COMPARATIVE ANALYSIS OF SOLAR CHIMNEY HOUSE PERFORMANCE WITH ENERGY SAVING HOUSE AND GENERAL HOUSE IN THAILAND <i>Jaran Ratanachotinun, Jongjit Hirunlabh, Nat Kasayapanand, Sopa Visitsak, Sombat Teekasap, Joseph Khedari</i>
	T155	IMPLEMENTING LIFE CYCLE COSTING IN MALAYSIA CONSTRUCTION INDUSTRY: A REVIEW <i>Nor Azizah Mohammed Rum, Zainal Abidin Akasah</i>	T145	THE POTENTIAL OF USING BOTTOM ASH (BA) ADDITIVES IN ROAD BASE <i>Norazlan K., Norbaya S., Mohd Fadzil A.</i>
	T158	KEY FACTORS IN DEVELOPING MAINTENANCE CULTURE OF PUBLIC ASSET MANAGEMENT <i>Suwaibatul Islamiah Abdullah Sani, Abdul Hakim Mohammed</i>	T134	THE PERFORMANCE OF THREE DIFFERENT SOLAR PANELS FOR SOLAR ELECTRICITY APPLYING SOLAR TRACKING TIMER DEVICE UNDER THE MALAYSIAN CLIMATE CONDITION <i>Azhar Ghazali, M, Abdul Malek Abdul Rahman</i>
	T163	DATA CENTER OPERATION OPTIMIZATION USING COMPUTATIONAL FLUID DYNAMICS (CFD) <i>Rawnee Ho, M.R Ismail</i>	T159	PERFORMANCE OF SAND-CEMENT BLOCK WITH KENAF (Hibiscus cannabunus L.) FIBER <i>Aimi Munirah Jalilluddin, Kartini Kamaruddin</i>
	T164	ROOM AIR DISTRIBUTION OPTIMIZATION <i>Rawnee Ho, M.R Ismail</i>	T166	PERFORMANCE OF SAND CEMENT BRICKS INCORPORATING KENAF POWDER AND RICE HUSK ASH <i>Kartini, K., Ahmad Farhan, H., Nor Azlina, U.</i>
	T167	TRANSPORTATION STRATEGIES FOR URBAN SUSTAINABLE DEVELOPMENT <i>Mojtaba Zourbakhsh</i>	T173	A COMPARATIVE STUDY ON RC MULTI-STORIED BUILDING FRAMES DESIGN BETWEEN NON SWAY AND SWAY METHOD USING STAAD. PRO V8i SOFTWARE <i>Noor Md. Sadiqul Hasan, Habibur Rahman Sobuz, Costas Ioannou, Md. Shiblee Sayed</i>
	T168	GIS BASED STUDIES OF GEOTECHNICAL PROPERTIES FOR LAND DEVELOPMENT PLANNING AND DESIGN <i>Wan Nur Syazwani W.M, A. Naser Abdul Ghani</i>	T189	A REVIEW ON THERMAL PERFORMANCE OF ROOFING MATERIALS IN MALAYSIA <i>Ahmad Al Yacouby, Mohd Faris Khamidi, Muhd Fadhil Nuruddin, Arazi Idrus, Syed Ahmad Farhan, Azrul Esfandy Razali</i>

	QUESTION AND ANSWERS		QUESTION AND ANSWERS
0100 - 0200	Lunch Break		
0200 - 0400	Technical Presentation 5A (Room 1)		Technical Presentation 5B (Room 2)
	T169	AN OVERVIEW ON INTEGRATING OF NON-MOTORIZED AND PUBLIC TRANSPORT IN URBAN ENVIRONMENT <i>Bibie Sara Salleh, Riza Atiq Abdullah O.K Rahmat, Amiruddin Ismail</i>	T186 SUSTAINABLE CONCRETE FROM MALAYSIA'S INDUSTRIAL BY-PRODUCTS AND BIOGENIC WASTES <i>M. R. Karim, M. F. M. Zain, M. Jamil, F.C. Lai, M. N. Islam</i>
	T188	THE STATE-OF-ART OF DECISION SUPPORT SYSTEM DEVELOPMENT: PROGRESS OF REQUIREMENT ENGINEERING IN CONSTRUCTION <i>Mohd Faizal Omar, Bambang Trigunaryah, Johnny Wong</i>	T190 ULTRA HIGH PERFORMANCE CONCRETE (UHPC) TECHNOLOGY FROM MATERIAL TO STRUCTURE: A REVIEW <i>Behzad Nematollahi, Raizal Saifulnaz M.R., Yen Lei Voo</i>
	T123	AN INVESTIGATION INTO ABANDONED HOUSING PROJECTS IN SARAWAK, MALAYSIA <i>Ibrahim, S. H., Baharun, A., Ayagi, K. M.</i>	T192 THE ENGINEERING PERFORMANCE OF SUPERPLASTICIZED CONCRETE <i>Noor Faisal Abas, Muhammad Naim Mahyuddin</i>
	T195	DEFECT MANAGEMENT FOR THE HIGH RISE OFFICE TOWER <i>Idris Othman, Nadia Azman</i>	T193 USE OF RAW CLAY OF LABU SAYONG AS A PARTIAL CEMENT REPLACEMENT IN CONCRETE: ENGINEERING PROPERTIES <i>Zulazril bin Idris, Noor Faisal bin Abas</i>
	T199	PROBLEMS OF PRIVATE RESIDENTIAL PROPERTY DEVELOPMENT IN MAKAMA JAHUN NEIGHBOURHOOD OF BAUCHI METROPOLIS, NIGERIA <i>Aliyu Ahmad Aliyu, Rozilah Kasim, David Martin</i>	T198 INVESTIGATING THE STRENGTH OF SELF COMPACTING CONCRETE INCORPORATING LOW AND MODERATE VOLUME CEMENT REPLACEMENT USING RAW RICE HUSK ASH <i>Md Nor Atan, Hanizam Awang</i>
			T127 RECYCLED COARSE AGGREGATES (RCA) AS NATURAL COARSE AGGREGATES REPLACEMENT IN CONCRETE DESIGN; THE BETTER ALTERNATIVE <i>Kam Kenn Jhun, Mohd Zailan Sulieman, Roslan Talib</i>
	QUESTION AND ANSWERS		QUESTION AND ANSWERS
0400 -0430	Closing and Certificates		
0430	Tea		
End of Conference			