



**UTM**  
UNIVERSITI TEKNOLOGI MALAYSIA

UTM RAZAK School  
of Engineering  
and Advanced Technology

**PROGRAMME: MiCRA Postgraduate Conference**

**5 DECEMBER 2012**

8.00		<b>REGISTRATION</b>		
8.45		<b>OPENING OF MICRA 2012</b>		<b>Professor Dr Awaluddin Mohamed Shaharoun</b> , Dean of the Razak School of Engineering & Advanced Technology <b>Professor Dr Muhd Zaimi B.Abd Majid</b> , Dean of the Construction Research Alliance, UTM <b>Professor Dr Christopher Preece</b> , Chairman of MiCRA
9.00		<b>KEYNOTE SPEAKER</b>	<i>"Publish or Perish: So why have we not perished?"</i>	<b>Professor Dr Abul Rashid bin Abdul Aziz</b> , Universiti Sains Malaysia (USM)
9.30		<b>KEYNOTE SPEAKER</b>		<b>Tn. Hj. Basar Juraimi</b> , Director of Basar + Harun Co.Ltd and Past President of Institution of Surveyors Malaysia
10.00		<b>REFRESHMENT BREAK</b>		
		<b>PARALLEL PAPER PRESENTATIONS SESSION A &amp; B</b>		
		<b>Chairman: Professor Dr Christopher Nigel Preece, UTM</b>		<b>Chairman: Professor Dr Khairuddin Abdul Rashid, IIUM</b>
10.30	A1	Green Construction Trends in Malaysia	B1	Adequacy of information on acknowledging the existence of silent killers in construction
10.40	A2	Sustainable Site Planning & Design	B2	Obstacles in the Implementation of Knowledge Sharing Practice in Large/Medium/Small Civil Engineering Firms in Nigeria
11.00	A3	Advantages of Using Fly Ash in Concrete Industry for Achieving Sustainable Development	B3	Employment of the Shar'ah Compliance Alternative Dispute Resolution (ADR) focusing on Tahkīm in Malaysia Construction Industry: An Overview
11.10	A4	Post Occupancy Evaluation: A Newly Designed Building Performance Survey Framework for Energy-Efficient Building	B4	The Understanding and Application of Takaful Among The Contractors of The Malaysian Construction Industry



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11.20	A5	Benefits and potentials of implementing vertical greenery system as an environmental energy-saving method in Malaysian construction industry	B5	Cognitive Styles & HR Competencies in Iranian Construction Industry
11.30	A6	Sustainable Site Planning and Design / Sustainable Issues during Site Planning and Design Stage	B6	A Literature Review on Teaching and Learning in the Built Environment in Malaysian Higher Educational Institution (HEIS)
11.40	A7	A Review of Waste Materials Potential for Being Utilized as Aggregate In Concrete	B7	Exploring Issues on the Usage of the Bills of Quantities (BQ and Identifying Relevant Research Areas
11.50	A8	Sustainable Building Material for Green Building Construction, Conservation and Refurbishing	B8	An Overview of ASEAN Economic Integration: Impact of ASEAN Economic Community (AEC on Construction Industry
12.00	A9	Sustainability in Industrialized Building System in Malaysia	B9	A Study on the Accuracy of a Bill of Quantities
12.10	A10	Preliminary Research into Corporate Social Responsibility Reporting By Construction Firms in Malaysia	D7	Issues on Data Availability, Accessibility, Currency and It's Reliability as Inputs in the LCC Studies in Malaysia
12.20	A11	A Review of the Identification of Ageing in Place Priorities in the Malaysian Residential Sector.		
12.30		<b>OPEN DISCUSSION</b>		<b>OPEN DISCUSSION</b>
13.00		<b>LUNCH AND PRAYERS</b>		
14.15		<b>KEYNOTE SPEAKER</b>	<i>"BIM, painful reality and dreams for the future"</i>	John Rogers, Chief Executive Officer, Synoedge Sdn. Bhd.



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**PARELLEL PAPER PRESENTATIONS SESSION C & D**

		<b>Chairman: Professor Dr Christopher Preece, UTM</b>		<b>Chairman: Professor Dr Muhd Zaimi B.Abd Majid, UTM</b>
14.45	C1	Application of BIM in Construction Safety	D1	Fund Allocation Decision Making Challenges for Maintenance and Repair Projects
14.55	C2	Mobile Application for Sustainable Construction Management	D2	Development strategies to implement bridge management system: a case study of Iran
15.05	C3	Optimizing Construction Scheduling Through Use of Building Information Modeling in Construction Industry	D3	A Study of Productivity of Precast Concrete Installation
15.15	C4	Critical Review of Industrialized Building System in Malaysian Construction Industry	D4	Construction product development – from Constructability to Maintainability
15.25	C5	Potential Application of BIM in Construction Dispute and Conflict	D5	Roof Truss Designers Role in the Prefabricated Timber Roof Truss System Design in Malaysia
15.35	C6	Theoretical Framework for Building Information Modelling Penetration in Malaysian Construction Industry	D6	Do We Really Need Information On Building Materials?
15.45	C7	BIM Perspectives on Construction Waste Reduction	D8	The Challenges of Implementing Total Quality Management (TQM) in the Malaysian Construction Industry
16.00	C8	Development of a Web-Based System to Enhance the Management of Suppliers Performance in Construction Projects		



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16.10		<b>OPEN DISCUSSION</b>		<b>OPEN DISCUSSION</b>
16.30		<b>BEST PAPERS AWARDS ANNOUNCEMENT &amp; PRESENTATIONS OF CERTIFICATES</b>		
16.45		<b>CLOSE OF MICRA 2012 &amp; REFRESHMENTS</b>		