

MICRA

Management in Construction Researchers Association

PROCEEDINGS OF THE 4th MICRA CONFERENCE

Faculty of the Built Environment

University of Malaya

Kuala Lumpur

Organized by:

BESTARI

Built Environment Studies and Research Institute

Faculty of the Built Environment

University of Malaya

Kuala Lumpur

In Conjunction with:

MICRA



MICRA : 4th annual conference & general meeting, Faculty of the Built Environment, University of Malaya

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Management in Construction
Researchers Association

**4th ANNUAL CONFERENCE
&
GENERAL MEETING**
4 - 5th MAY 2005



UNIVERSITY OF MALAYA

Organized by

BESTARI

(Built Environment Studies and Research Institute)
Faculty of the Built Environment
University of Malaya
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50603 Kuala Lumpur



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MICRA Programmes and Timetables

4th Annual Conference & General Meeting

MICRA

Management in Construction Researchers Association

DAY ONE 4th MAY 2005

- 8.30 - 9.00 Participants arrival and registration
- 9.00 - 10.00 Opening ceremony by The Dean, Faculty of the Built Environment
Professor Ezrin Arbi KMN
- 10.00 - 10.30 Tea break
- 10.30 - 12.30 **SESSION A PRESENTATION**

Panel 1	Theme :	PROCUREMENT, LAW & CONTRACT	Venue :	Auditorium
1.	Procurement Arrangements and its Implications on Residential Construction Projects	Speaker: <i>Bachan Singh, Wan Zulkifli Wan Yusof, Abd. Rahim Abd. Hamid, Brian Sebastian</i>		
2.	A Knowledge-Based Decision Support System Framework for Management of Variation Orders in Institutional Buildings	Speaker: <i>Faisal Manzoor Arain, Prof. Low Sui Pheng</i>		
3.	Solutions to Payment Problems in the Construction Industry – the Latest Ideas from Singapore	Speaker: <i>Dr. Philip Chan</i>		
4.	Pengurusan Sumber Fizikal IPT Dalam Menjana Pendapatan	Speaker: <i>Ahmad Fauzi Abd. Wahab</i>		
5.	Arbitration in Construction Industry in Malaysia	Speaker: <i>Nor Azmi Bakhary</i>		
6.	Construction Contracting: New Forms of International Involvement	Speaker: <i>Cha Shih Yee, Abdul Rashid Abdul Aziz</i>		

Panel 2	Theme :	PROJECT COST PLANNING	Venue :	DK1
1.	Lesson Learned From Past Projects for Effective Management of Variations Orders for Institutional Building Projects	Speaker: <i>Faisal Manzoor Arain, Prof. Low Sui Pheng</i>		
2.	Morphology Factors and Pre-Design Construction of Building in Sri Lanka	R. Rameezdeen, E. D. N Gayani		
3.	Struktur, Strategi dan Prestasi Pengurusan Fasilitas	Tuti Haryati Jasimin, Abd. Hakim Mohammad		
4.	Taking-off with CAD: Illusion or Reality	Speaker: <i>Ong Cheng Tat, Lim Yoke Mui, Assoc. Prof Abdul Rashid Abdul Aziz, Mohd. Wira Mohd. Shafie</i>		
5.	Operation-Based Costing Model for Measuring Productivity in Construction Site	Speaker: <i>Mohd. Hanizun Hanafi, Prof. Dr. Abdul Ghani Khalid</i>		
6.	An Automated 2D CAD Drawing System for Efficient Cost Planning – A Case Study of Malikusalleh University Building Construction Project in Aceh	Speaker: <i>Hamdi Akmal</i>		

Theme 7: **DESIGN AND DEVELOPMENT**

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Panel 4	Theme : DESIGN AND DEVELOPMENT	Venue : DK3
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1. The Development Of Knowledge Sharing Culture In Construction Industry
Speaker: Lisa Low Seow Wei, Abdul Hakim Mohammed
2. Best Practices Framework on the Utilization of Steel in the Malaysian Constructions Industry
Speaker: Faridah Adnan, Ismail Rahmat, Abdullah Sani Ahmad
3. Pembangunan Hypermarket di Lebuhraya Utara Selatan
Speaker: Adul Jalil Omar, Wan Zahari Wan Yusoff, Al-Fazli Haji Mohd. Salleh
4. Development of Framework for Curvilinear Architectural Forms in Malaysia
Speaker: Faridah Adnan, Johan Victor Torrance, Abdullah Sani Ahmad
5. Potensi dan Cabaran IBS
Speaker: Othman Mohamad
6. Towards the Provision of Appropriate Maternity Spaces in Healthcare Facilities of Malaysia
Speaker: Norwina Mohd. Nawawi

4.15 - Tea break and end of day one