

12TH A.G.M. SEMINAR

Saturday

23rd March, 2002

8:30 a.m. - 1:00 p.m.

SUMMIT HOTEL

USJ, Subang Jaya, Selangor D.E.

Held in conjunction with the

12TH ANNUAL GENERAL MEETING
of the
INSTITUTE OF MATERIALS, MALAYSIA

*See inside pages 3 to 5 for more details of
the A.G.M. and Seminar*

GET YOUR COPY OF MEMBERSHIP LISTINGS 2001

* Full list of IMM Members

* Full list of IMM Certified
Coatings Inspector

* Full list of IMM Certified
Blasters & Painters

What's Inside

* Join the Senior Scientists'
Group (SSG)

* IMM Course Schedules
for 2002

JOIN THE IMM TODAY AND NETWORK WITH INDUSTRY PLAYERS AND GOVERNMENT AUTHORITIES IN THE FIELDS OF MATERIALS SCIENCE, TECHNOLOGY AND ENGINEERING. MEMBERSHIP APPLICATION FORM INSIDE. MEMBERSHIP IS OPEN TO EVERYONE ABOVE THE AGE OF SEVENTEEN.

SECRETARIAT ADDRESS

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Ir. Ong Chong Hup

IMM Hon. Secretary

c/o MPE Lindung Sdn Bhd
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E-mail: maxong@pc.jaring.my

COUNCIL MEMBERS FOR 2000-2002 SESSION

- Dato' Dr. Ong Eng Long (Malaysian Rubber Export Promotion Council)
- Dr. Teh Ser Kok (Universiti Malaya)
- Ir. Mohd Raziff Embi (Teknik Janakuasa)
- En. Hamizan Mohd Derus (Teknikspek)
- Ir. Chong Chien Fatt (Ancom Berhad)
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- Prof. Dr. Che Husna Azhari (Universiti Kebangsaan Malaysia)
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- Dr. Esah Hamzah (Universiti Teknologi Malaysia)
- Ir. Tee Yin Tiong (Muhibbah Engineering)
- Mr. Harry Woon (Bredero Price(M) Sdn Bhd)
- Dr. Lim Ching Liang (METACOS)

INTERNAL AUDITORS (2001-2002)

Assoc. Prof. Dr. Ahmad Fauzi (USM)
Dr. Ramesh Singh (UNITEN)

EXTERNAL AUDITORS (2001-2002)

Er & Associates



INSTITUT BAHAN MALAYSIA
Institute of Materials, Malaysia

(ROS-4146/87)

TO ALL MEMBERS

NOTICE OF ANNUAL GENERAL MEETING

Notice is hereby given that the 12th Annual General Meeting of the IMM will be held at :-

Venue : **SUMMIT HOTEL,
Pahlawan 5 , (Level 5),
Persiaran Kewajipan,
USJ 1, 47600 UEP Subang Jaya,
Selangor D.E.
(Tel: 03-80233000 Fax: 03-80246893)**

Date : 23rd March 2002, Saturday
Time : 11:30 a.m.

AGENDA

1. To approve the Minutes of the 11th Annual General Meeting.
2. To receive and adopt the Report of the Council for the year 2001 presented by the President.
3. To receive and adopt the Statement of Accounts for the year 2001 presented by the Honorary Treasurer.
4. Election of seven (7) ordinary Council Member for 2002 – 2004 Council Term.
5. Tabling the appointment of external auditors for 2002 by the Hon. Treasurer.
6. Appointment of two Internal Auditors for 2002.
7. Any other matters.

By order of the Council

Ong Chong Hup
Hon. Secretary

Date : 1st February 2002

REPLY SLIP

I, hereby confirm that I will be able/not able * to attend the above AGM.

SIGNATURE : _____

NAME : _____

COMPANY NAME : _____

MEMBERSHIP NO : _____

DATE : _____

PLEASE FAX YOUR REPLY TO 03-5226352/5219413/5216116 BY **15-03-2002**.

* Delete whichever not applicable.

ANNUAL GENERAL MEETING PROXY VOTING FORM

I _____ (please print name in full) IMM Membership no. _____
wish to record my apologies for absence and hereby appoint _____
_____ (please print name in full) IMM Membership no. _____ (or, failing him/her, the
Chairman of the Meeting) to act as my proxy at the 12th Annual General Meeting.

Signed : _____ Date : _____

This form of proxy should be returned to the IMM office no later than 12:00 noon on 15th March 2002.

INSTITUTE OF MATERIALS, MALAYSIA
ELECTIONS OF COUNCIL MEMBERS FOR 2002 – 2004 SESSION

NOMINATION FORM

The 12th Annual General Meeting scheduled for March, 2002 will elect seven (7) council Members from amongst Members (M.I.M.M.) or Fellows (F.I.M.M.) for the next Council Session from 2002 to 2004. Nominations for these vacancies are to be submitted to the IMM Secretariat **no later than 12:00 noon 15th March, 2002** using this nomination form. All nomination forms must be **signed** and duly completed by the proposer, seconder and the nominated candidate. Unsigned and incomplete nomination forms will be rejected.

On behalf of the Council



Hon. Secretary

Date : 1st February, 2002

CANDIDATE

Name : _____
Discipline : *Materials Fabrication/Metallurgy/Polymers/Ceramics/Corrosion/Welding/Non-Destructive Evaluation **

IMM Membership Grade : Fellow/Member

IMM Membership Number : _____

Candidate's signature : _____ Date : _____

PROPOSER

Name : _____

IMM Membership Grade : Fellow/Member/Associate/Company/Ordinary *

IMM Membership Number : _____

Proposer's signature : _____ Date : _____

SECONDER

Name : _____

IMM Membership Grade : Fellow/Member/Associate/Company/Ordinary *

IMM Membership Number : _____

Secunder's signature : _____ Date : _____

Mail to : Institute of Materials, Malaysia
Lot 1908, Batu 7, Jalan Bukit Kemuning,
40460 Shah Alam, Selangor D.E.
Tel: 03-5226352/5218228 Fax: 03-5226352/5216116/5219413
Attention : The Hon. Secretary

* *Delete whichever not applicable.*



SPONSORS

HEMPEL COATINGS (M) SDN BHD
GLOBE LEIGH'S PAINTS (M) SDN BHD

12TH A.G.M. SEMINAR

DATE : Saturday , 23rd March, 2002

TIME : 8:30 a.m. - 1.00 p.m.

VENUE : SUMMIT HOTEL

Pahlawan 5 (Level 5), Persiaran Kewajipan,
USJ 1, 47600 UEP Subang Jaya , Selangor D.E.

SEMINAR FEES : (CLOSING DATE : 15 MARCH , 2002)
IMM MEMBERS : ADVANCE REGISTRATION (FREE OF CHARGE)
NON-MEMBERS : RM50.00 PER PERSON (JOIN NOW AS A MEMBER AND REGISTER FREE-OF-CHARGE BEFORE 15 MARCH, 2002)
ALL CHEQUES PAYABLE TO " INSTITUTE OF MATERIALS, MALAYSIA"

PROGRAMME

- 8.30 am Registration of participants
- 9.00 am Opening Remarks
- 9.30 am "Ban on tin in Anti-fouling Paints" by Hempel Coatings (M) Sdn Bhd
- 10.00 am Tea Break
- 10:15 a.m. "Breakthrough in Subsea Pipeline Insulation " by W.J. Leigh & Co.
- 10.45 am "Polymer Matrix Fibre Composites : Fundamentals and Examples of Application" by Petronas Research & Scientific Services Sdn Bhd
- 11.15 am **Short break**
- 11:30 am **12th IMM ANNUAL GENERAL MEETING**
- 12.00 noon LUNCH
- 1.00 pm ADJOURN

We are pleased to register the following :-

Item	Name	Designation	Membership No	RM

Contact Name : _____

Address : _____

Tel : _____ Fax : _____ Email: _____

Signature : _____ Date : _____

Payment by cheque no : _____ Bank : _____

Payment by credit card AMEX VISA MASTERCARD

Card Name : _____

Card no : _____

Card Expiry Date : _____ Signature : _____

SEND REGISTRATIONS TO : INSTITUTE OF MATERIALS, MALAYSIA
 Lot 1908, Batu 7, Jalan Bukit Kemuning, 40460 Shah Alam, Selangor D.E.
 Tel : 03-5218228/5226352 (DL) Fax: 03- 5219413/5226352 Attention : Puan Rohaya Rahim

Polymer Dinner Talk

The Polymer Committee of IMM is organizing a subscription dinner talk on 1st March, 2002 from 7.00 p.m. The Talk will be presented by Dr. Kamarul Baharain of the Malaysian Rubber Board on "Natural Rubber Products in Offshore Applications" The venue will be at Hyatt Saujana, Subang and registration fee is RM50.00 per head. Those who are interested can either e-mail or contact Dato' Dr. Ong Eng Long before 23rd February, 2002.

Telephone : 03-21669918
E-mail : elong@mrepc.com

IUPAC World Polymer Congress 2002

The IUPAC World Polymer Congress 2002 will be held in Beijing, China from 7 - 12 July 2002. This event is being organized by the Polymer Division of the Chinese Chemical Society. Registration fee is US\$550.00 for non-members and US\$450.00 for members. The Polymer Section of the Institute of Chemistry Malaysia has been considered as a member of the Polymer Congress and as such will need only to pay US\$450 registration fee.

The IKM Polymer Section will be organizing a group participation to the event and members of IMM who are interested to join in can contact Dato' Dr. Ong Eng Long, Chairman of the Polymer Committee, IMM before 25th of March. Members who wish to present papers can still do so. Please contact Dato' Dr. Ong for more detail.

IMM Certification Examination Panel (CEP)

The Certification Examination Panel (CEP) was established by the Council to act as a governing and endorsement body to all examinations conducted by the various Working Committees of Institute of Materials Malaysia for Certification Schemes. This is to ensure high quality examinations are conducted throughout for the purpose of obtaining IMM certification. The Scope and duties of the CEP will be governed by the rules and guidelines stipulated in Document No.: CEP-MGT-01/2001

The CEP consists of a Chairman, a Secretary, three Panel Members and three representatives from each working committee requiring certification. In order to ensure the independent nature of the CEP, the Council has determined that the Chairman and Secretary would be Academicians, a Council Member and IMM Member respectively, with no business interest with relevant parties seeking for certification schemes.

The CEP shall be responsible for the overall running and organization of all certification examination processes conducted by IMM and is also the secretariat to the council on matters involving all certification examination exercises.

To date the committee members are as follows:

Chairman : Assoc. Prof. Dr. Mohamad Kamal Hj Harun (UiTM)
Secretary : En Saifollah Abdullah, Senior Lecturer (UiTM)
Panel Members : Mr Kang Kim Ang
Ir. Razif Embi
Dr. Teh Ser Kok

IMM-OSFAM ROAD-SHOW ON CERTIFICATION COURSES AND ACTIVITIES

The IMM Fabrication Committee, headed by Ir. Mohd Suradi Yasin, initiated a series of road-shows to promote greater awareness of IMM-CORAL certification scheme, IMM courses , and IMM activities throughout the country.

A joint road-show seminar was held in Johor with co-operation from OSFAM (Offshore Structures Fabricators Association of Malaysia) and assistance from the IMM Southern Region Committee on 17th October , 2001. The venue was offered by Malaysia Shipyard & Engineering Sdn Bhd (MSE) at their Pasir Gudang fabrication yard.

A total of 50 participants from the Southern Region attended the presentations on IMM Blaster & Painter Certification Scheme, IMM Coatings Inspector Certification Scheme, IMM Welding Inspector Certification Scheme and IMM Cathodic Protection Technician Certification Scheme. Other activities of the IMM such as the 3rd Regional Materials Conference were also presented.

Dr. Esah Hamzah, Chairman of IMM Southern Region Committee and En. Omar Ali , President of OSFAM presented their Opening Remarks and welcomed the participants. En. Chachuri Nasar and En. Mohd. Idros Hanafiah of MSE/OSFAM did a great job as Master-of-Ceremony.



IMM SARAWAK COMMITTEE 4TH ANNUAL DINNER

The 4th Annual Dinner for IMM Sarawak Committee was held successfully on 10th November 2001 at Dynasty Hotel, Miri. The dinner was an annual Sarawak IMM event in order to foster a close rapport amongst its members apart from providing an avenue for them to be able to share various technical issues and experiences being used in the industries, etc.

There were exhibition booths on the latest materials products, materials protections techniques and inspection techniques which was opened before and during the dinner.

The patron for the dinner was YB Datuk Peter Chin Fah Kui, who is the Deputy Minister of Housing and Local Government, Malaysia. In his speech, Datuk Peter Chin was pleased to note that the IMM Sarawak Committee has been actively involved in promoting the Science & Technology of Materials, Metallurgy and Corrosion Control.

It is encouraging to note that there is availability of technical expertise in the various fields of materials science & technology within the state and Malaysia as a whole, he said. He further stressed that the expertise available from IMM Sarawak members will be beneficial for the development of state as well as for the local authorities and industries in Sarawak. He commended the IMM Sarawak for their effort in organizing various technical training programmes, which can assist to upgrade the skill of technician/manpower in the state.



The committee members with YB Datuk Peter Chin



IMM Chairman for Sarawak Committee handing over a souvenir to Datuk Peter Chin Fah Kui



Institute of Materials, Malaysia(ROS Reg no . 4186/87)

Lot 1908, Batu 7, Jalan Bukit Kemuning

40460 Shah Alam, Selangor Darul Ehsan, Malaysia.

Tel: 03-5218228 / 03-5226352 Fax: 03-5219413/5216116

INSTITUTE OF MATERIALS, MALAYSIA
(Formerly the Malaysian Materials Science & Technology Society)

The Malaysian Materials Science & Technology Society (MMS) was registered with the Registrar of Societies on 6th November, 1987. The MMS was actively promoting the awareness of Materials in Malaysia since 1988. In 1996, with a newly-elected Council, the change of name to the Institute of Materials, Malaysia (IMM) was submitted to the Registrar of Societies and approved on 16th June 1997. The new name was to be synergistic with the rest of the world. For example in the case of the United Kingdom. The Institute of Metals, The Institute of Ceramics and The Plastics & Rubber Institute were merged into a single Institute of Materials in 1992 where its Members are recognised as professionals with the status of a Chartered Engineer (C.Eng).

Membership to the IMM is open to all individuals and companies interested in developing the contribution of Materials science, technology and engineering towards industrial growth in Malaysia. The technology of Materials is advancing day-by-day throughout the world. We, in Malaysia, must keep up with the pace of technological advancement.

The objectives of the IMM include the training and development of individuals and companies in Malaysia to attain professional recognition in various fields of Materials science, technology and engineering. Materials cover a very wide field such as metals, polymers, rubber, wood, concrete, ceramics, semiconductors, advanced materials, cellulose, textiles, etc. Membership to the IMM will enable networking and exchange of knowledge from a very wide variety of specialized areas of expertise.

The longterm objective of the IMM is to attain professional status for its members in line with that which is accorded to the other disciplines of engineering.

The IMM is also committed to seeking affiliations with overseas Materials and Engineering/Scientific professional institutions to gain access to technological developments worldwide. This will ensure that we, in Malaysia, will not be left behind.

MEMBERSHIP APPLICATION FORM
(Confidential)

*AFFIX
PHOTO
HERE*

APPLICATION FOR COMPANY MEMBER/ORDINARY MEMBER/STUDENT MEMBER*
*(Only Ordinary Members can apply for upgrade to Associate Member/Professional Member/Fellow Member.
Please request for the relevant application form from the IMM Secretariat)*

(I) FOR ORDINARY MEMBERSHIP (STUDENT MEMBERS ALSO TO FILL UP THIS PART)

PERSONAL PARTICULARS (photocopy of I.C./Passport to be submitted)

NAME IN FULL (MR/MS/DR/.....): _____
(BLOCKS LETTERS)

RESIDENCE/POSTAL ADDRESS : _____

TELEPHONE NO : HOUSE _____ HANDPHONE NO: _____

PLACE OF BIRTH : _____ DATE OF BIRTH : _____

NATIONALITY : _____ PASSPORT/I.C. NO : _____

NAME OF EMPLOYER/COMPANY

TITLE OR POSITION : _____

ADDRESS : _____

TELEPHONE NO _____ FAX NO : _____ E-mail : _____

(II) COMPANY MEMBERSHIP (COMPANY PARTICULARS)

COMPANY NAME: _____
COMPANY REGISTRATION NUMBER : _____
ADDRESS : _____

TELEPHONE NO : _____ PRINCIPAL REPRESENTATIVE (MR/MS/DR/.....) :	FAX NO: _____	E-mail NO : _____
POSITION: _____	AFFIX PHOTO HERE	ALTERNATE REPRESENTATIVE (MR/MS/DR/.....) : _____ POSITION: _____
		AFFIX PHOTO HERE

(III) FOR STUDENT MEMBERSHIP ONLY

COURSE OF STUDY : _____ YEAR OF STUDY : _____
NAME OF UNIVERSITY/COLLEGE : _____
ADDRESS : _____
TELEPHONE NO _____ FAX NO: _____

The above student is allowed to join the Institute

Signed : _____
Name : _____
Designation : _____
Date: _____

University/College Chop

INDICATE INDUSTRY INVOLVED OR INTERESTED IN :-

- | | |
|-------------------------|-----------------------------|
| METALLURGY () | CORROSION PROTECTION () |
| MATERIALS FAILURE () | COMPOSITE MATERIALS () |
| MATERIALS DESIGN () | CONCRETE TECHNOLOGY () |
| MATERIALS RESEARCH () | WOOD TECHNOLOGY () |
| POLYMER TECHNOLOGY () | EDUCATIONAL INSTITUTION () |
| CERAMICS TECHNOLOGY () | OTHERS (SPECIFY) _____ |
| WELDING () | |

I/We hereby accept responsibility for the accuracy of the particulars contained in this application form.

Date : _____ Signature : _____
(and Company Stamp)

Proposer : _____ Seconder : _____
Name : _____ Name: _____

Membership Grade & No: _____ Membership Grade & No: _____

* Delete whichever not applicable.

NB : If proposer and seconder cannot be sourced, mail this form to the Secretariat for assistance.

ENCLOSED IS MY/OUR CHEQUE/BANK DRAFT/MONEY ORDER NO: _____
FROM BANK _____ FOR THE AMOUNT OF _____
RM _____

**Institute Bahan Malaysia
(Institute Of Materials, Malaysia)
General Rules on Memberships**

The Council shall establish a Memberships Committee which will be responsible for review of applications for transfer of membership grades. The Memberships Committee shall recommend transfers for Council approval at Council Meetings. All grades of memberships are awarded at the discretion of the Council and may be withheld or withdrawn in the event of conduct likely to prejudice the standing of the Institute. Every member shall receive a membership certificate.

The Memberships Committee shall be responsible for drafting the "Regulations Governing Admission and Transfer of Member Grades" for Council approval. Such regulations may be changed from time to time subject to Council approval.

Every application for membership shall be proposed and seconded according to these regulations and shall be forwarded to the Honorary Secretary who shall, at the first convenient opportunity, submit it to the Council for approval. The Council may at its discretion reject any application without assigning any reason thereof.

Each company on admission shall be entitled to nominate one representative to exercise all rights of membership. Only representatives of Company membership, Fellows (F.I.M.M.), Professional Members (M.I.M.M.), and Ordinary members shall have the right to vote and to hold office in IMM.

Only Malaysian Citizens, and Blue Identity Card Holders can become Ordinary Members, Associate Members (A.M.I.M.M.), Professional Members (M.I.M.M.) and Fellow Members (F.I.M.M.) with voting rights. Foreigners and Red Identity Card Holders can join similar grades but shall have no voting rights.

Grades

Honorary Fellow (Hon. F.I.M.M.)

The Council shall have the power to elect Honorary Fellows who shall be persons of eminence in science or industry. The election shall be based on a majority vote within the Council. Honorary Fellows shall enjoy such privileges as may from time to time be determined by the Council.

Fellow (F.I.M.M.)

A person at least 35 years of age with approved academic qualifications, training and 8 years relevant responsible experience who has made significant contributions to the science and practice of profession of Materials Science and Engineering or has given distinguished service to industry or education.

Professional Member (M.I.M.M.)

A person at least 25 years of age, with approved academic qualifications and training, having at least 3 years responsible experience in Materials Science and Engineering. OR A person at least 40 years of age, with at least 15 years of experience with practical responsibility, as demonstrated by thesis/dissertation or report and interview.

Associate Member (A.M.I.M.M.)

A person at least 25 years of age, who possesses an interest in Materials Science and Engineering but have not acquired the necessary experience or obtained the qualifications governing entry to Member grade. An Associate Member, on obtaining the necessary qualifications, may apply for transfer to Member grade.

Company Member

Any company that is involved or has interest in Materials Science and Engineering will be qualified to join as a company member.

Ordinary Member

Any person above the age of 18 years engaged in activities related to research, development and applications in Materials Science and Engineering shall qualify for Ordinary Membership. Only Ordinary Members who meet the necessary minimum requirements may apply for transfer to membership grades of Fellow, Member and Associate Member and may use the abbreviated titles upon transfer.

Student Member

A student member shall be a person not under 17 years of age who at the time of application satisfies the Council that he has received a good general education and is studying subjects related to Materials Science or Engineering. A student member shall transfer to the grade of Ordinary Member after graduation provided he or she is suitably qualified and as soon as he or she is earning a full-time salary. A Student shall not become a member of the IMM without the prior approval of the Vice-Chancellor or Head of Department of the university or relevant authority concerned.

Certificate of Membership

Every member shall receive a membership certificate.

Every application for membership shall be proposed and seconded by two existing ordinary members and shall be forwarded to the Honorary Secretary who shall, at the first convenient opportunity, submit it to the Council for approval. The Council may at its discretion reject any application without assigning any reason thereof.

Each company on admission shall be entitled to nominate one representative to exercise all rights of membership. Only representatives of Company membership and Ordinary members shall have the right to vote and to hold office in IMM.

SCHEDULE OF FEES

	Entrance Fee	Processing Fee	Transfer Fee	Annual Subscription
Company Member	RM50.00	-	-	RM200.00
Ordinary Member	RM20.00	-	-	RM 20.00
Fellow (F.I.M.M.)	-	RM300.00	RM10.00	RM 70.00
Member (M.I.M.M.)	-	RM150.00	RM10.00	RM 50.00
Associate Member (A.M.I.M.M.)	-	RM150.00	RM10.00	RM 30.00
Student Member	RM10.00	-	-	RM 5.00

NB : ALL PAYMENT TO BE MADE OUT BY CROSSED CHEQUE, BANK DRAFT, OR MONEY ORDER TO "INSTITUTE OF MATERIALS, MALAYSIA". ALL APPLICATIONS MUST BE ACCOMPANIED BY THE APPROPRIATE PAYMENTS. APPLICATIONS MADE BETWEEN JULY AND DECEMBER NEED TO PAY 50% OF THE ANNUAL SUBSCRIPTION.

Annual subscriptions shall be payable in advance on 1st January of each year. Any person who is admitted into the IMM between 1st July and 31st December in any year shall pay only half the annual subscription.

ADVERTISING IN IMM NEWSLETTER

	Black/ White	Full Colour
Inside front cover	-	RM2,000.00
Inside back cover	-	RM1,800.00
Outside back cover	-	RM2,500.00
Inside pages	RM800.00	RM1,500.00
Special loading request :	RM300.00 (8 mm X 6 mm)	

Advertisement details are as follows :

- Printing is normally in black & white by the Offset method.
- The advertisement size will be approximately 8 1/4" x 11 3/4" or 20.7 cm x 29.5 cm.
- You need only to supply a good printed copy of the advertisement. However for better reproduction it would be best either to loan us the artwork or alternatively supply us with a good bromide print or photographic film of the advertisement. For coloured advertisement please also provide the colour separation together with a sample of the print-out.
- Two complimentary copies of the Newsletter would be despatched upon publication.

All payment to be made to " **Institute of Materials, Malaysia**" prior to publication.

IMM Sarawak Trainers Complete Trainers' Training Course

Eight IMM Members (IMM Sarawak Committee) completed a "Train-The-Trainers" course on 7/10/2001. The four-days course consisted of four sessions and conducted on two weekends, was specially designed by Curtin University of Technology (Sarawak Campus).

It was initiated by the IMM to ensure quality in training and the trainers/facilitators.

The entire course was conducted by three facilitators - Associate Professor Frank Sheehy (CEO/Academic Director), Johnson Joseph (Registrar) and Shamsul Kamariah bt. Abdullah (Senior Lecturer) - all from the university mentioned.

The course emphasised on the insight of some important topics like Role of a Master Trainer : Effective Communication : Presentation Skill : Problem Solving: Quadrant Teaching Cycle. Through continuous and active participating, the master trainers can help to identify the strength and weaknesses of the trainers and their teaching styles.

Upon completion of the course, the trainers should enhance their competency to conduct effective technical courses for various industries within their respective engineering disciplines. The course is suitable for all professionals who intend to conduct training or facilitating.



IMM Members with three facilitators from Curtin University, Miri Sarawak

COATINGS INSPECTOR COURSE IN MIRI, SARAWAK

Fifteen candidates attended a one-week IMM Coatings Inspector training & certification course, which was held at Dynasty Hotel, Miri. The scheme was developed by the Institute of Materials, Malaysia (IMM) and the candidates will have to complete 12 months of coatings experience via Log-book Scheme before they can qualify to become a Certified IMM Coatings Inspector.

It was conducted by Mr. Erroy Vogelpoel, Senior Lecturer in Coatings Technology and Inspection from Australia. Mr. Vogelpoel has extensive practical experience in Coatings Inspection throughout Southeast Asia. The scheme was designed to train individuals in protection of iron and steel against atmospheric and marine corrosion by coatings. It also covers other materials such as concrete, brick and timber.

Present during the course closing ceremony was IMM Chairman for Sarawak Committee, Maimunah Ismail. In her closing remark, she urged participants to make full use of the knowledge that they have acquired during the course in their future undertakings. She expressed her hope that with the knowledge and technique they have learned during the training would to some extent enhance their ability in their career.



**CALLING ALL RETIRED SCIENTISTS
" SENIOR SCIENTISTS' GROUP (SSG) '**

The Confederation of Scientific and Technological Associations in Malaysia (COSTAM) is setting up the Senior Scientists Group (SSG) with the following objectives :-

- i) to gather all retired scientists and technologists together to provide consultancy and undertake projects from both the government and private sector.*
- ii) to assemble a database on the expertise of these scientists and technologists and make available to the government and the industries for their uses.*

Membership to the SSG are open to those who have retired from their services in the government and the private sector. COSTAM invites members of the IMM to register with the SSG.

There is no subscription for membership of SSG at this moment. Please contact the COSTAM Secretariat to obtain the application Forms

COSTAM SECRETARIAT :

Room 2, 2nd Floor,
Bangunan Sultan Salahuddin Abdul Aziz Shah
16, Jalan Utara, P.O. Box 48
46700 Petaling Jaya
Selangor D.E., Malaysia
Tel : 603-79550576/79578930
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E-mail : costam@maxis.net.my

HEARTIEST CONGRATULATIONS



TO
ENCIK TELAJAN LUYOH
For being conferred the
AHLI BINTANG SARAWAK (ABS)
By
TYT Yang di Pertua Negeri Sarawak
On 15th September, 2001

From : Institute of Materials, Malaysia



INSTITUTE OF MATERIALS MALAYSIA

IMM Sarawak Committee

Committee Chairman: Puan Maimunah Ismail

Tel: +6 085 454686; Fax: +6 085 454959

IMM MATERIALS ENGINEERING AND TECHNOLOGY CONFERENCE AND EXHIBITION IN MIRI SARAWAK.

"Call for Technical Papers and Services Exhibition and Product Display Booths"

The Institute of Materials, Malaysia (IMM), Sarawak Committee will be organising its 1st Materials Engineering and Technology Conference from 23rd – 24th May 2002 at the Holiday Inn Hotel, Miri Sarawak. The event will be officiated by Tan Sri Datuk Amar Dr. George Chan Hong Nam, Deputy Chief Minister, Minister of Finance & Public Utilities cum Industrial development, Sarawak.

The theme of the Conference is "Engineering Materials in the Millenium"

We would like to invite technical papers from all Professionals, academicians, Educationist, Technologist, R&D Officers, engineers, Operations Engineers, Scientists, Managers, Directors Environmental and Safety Sectors, Specialists, Service providers, Designers, Corporates and other Policy Makers.

The conference will cover the various industries such as:

1. Oil & Gas sector
2. Manufacturing Technology
3. Aerospace, Transport & Telecommunication Industry
4. Marine Industry
5. Building, Civil & Architectural Industry
6. Chemical & Polymers Industry
7. Medical Sector
8. Pulp and Paper & Wood Base Industry
9. Rubber Industry and Technology
10. Mining Industry

We are particularly interested in any case studies, actual lessons learnt, research & development studies, latest technology in all engineering fields including maintenance, operations, planning, QA/QC, Materials Corrosion & Inspection Engineering, Fabrication Technology and Welding/jointing, R & D, Corrosion and Integrity Management, Corrosion Control, Coatings, Quality Improvement, Manufacturing & Preservation, Waste Management, Failure analysis, Codes & Specification used on all areas as stated above including any future trending on Technology, Maintenance, Inspection Engineering and Fabrication, new approaches in reducing maintenance cost and so forth.

The enclosed registration form provides details of the Exhibition, Advertisement and Participant rates and guideline on submission of Papers and Abstracts. Please contact Ms. Theresa Lipah tel no: 085-410243/659564 or e-mail: temanser@tm.net.my for further details on the conference.

IMM MATERIAL ENGINEERING & TECHNOLOGY CONFERENCE : 23rd – 24th MAY 2002
REGISTRATION FORM

REGISTRATION FEE: RM600.00 (All Participants)

() I wish to register for the conference registration fee pay only (RM550.00)*

() I wish to present a paper entitled _____

Cheques/Bank Drafts payable to "INSTITUTE OF MATERIALS, MALAYSIA"

CLOSING DATE FOR REGISTRATIONS: 30th April 2002.

Conference Chairman: Puan Maimunah Ismail

Conference Organizing Secretariat Telaga Management Services, Miri Sarawak.

Lot 600, 2nd Floor, Block 7

Pelita Commercial Centre

98000 Miri, Sarawak.

Tel: 6 085 410243/659564 Fax: 6 085 412579/659564

Email: temanser@tm.net.my

Ms. Theresa Lipah/Ms. Sudan Ayom

Conference Organiser

NO	NAME OF PARTICIPANT	COMPANY	FEE

Name of Organisation:

Address:

.....

.....

Tel: Fax: Email:

Contact Person:

Credit Card Payment : _____

Credit Card no : _____

AMEX VISA CARD MASTERCARD EXPIRY DATE : _____

Card member name : _____

Address : _____

Signature : _____ Date : _____

NB: Paper's presenter will be entitled to a free admission to attend the full day conference.

*** Special discount for the early bird registration (valid till 30/3/2002)**

IMM MATERIAL ENGINEERING & TECHNOLOGY CONFERENCE : 23rd – 24th MAY 2002
ADVERTISEMENT & EXHIBITION FORM

Conference Chairman : Puan Maimunah Ismail

Conference Organizing Secretariat Telaga Management Services, Miri Sarawak.

Lot 600, 2nd Floor, Block 7
Pelita Commercial Centre
98000 Miri, Sarawak.
Tel: 6 085 410243/659564 Fax: 6 085 412579/659564
E-mail: temanser@tm.net.my
Ms. Theresa Lipah/Ms. Sudan Ayom
Conference Organiser

ADVERTISEMENT RATES (A4 BOOKLET)

<u>Size/Location</u>	<u>Colour</u>	<u>Black&White</u>
*Back Outside Cover Page	RM3,000.00	
*Front Inside Cover Page	RM1,500.00	
*Back Inside Cover Page	RM1,500.00	
Full Page		RM600.00
Half Page		RM300.00

Note: Positive & Negative Films to be submitted by your organization by 15-04-2002

EXHIBITION BOOTH (Standard size 3m x 3m c/w one table & one chair)

*Rental rate = RM1,500.00 per booth

Please tick in the appropriate box.

- I wish to take up exhibition booth space (3m x 3m)
- I wish to advertise in the souvenir programme.

We hereby confirm our advertisement/exhibition booth rental as ticked above.

We enclose our cheque/bank draft no:.....from Bank.....
.....for the amount of RM.....
made payable to "Institute of Materials, Malaysia"

Organisation name:.....

Address:.....

Tel:.....Fax:.....E-mail:.....

Contact Person:.....

Activity Organiser for Sarawak :

Telaga Management Services
Lot 600, 2nd Floor, Block 7 Pelita Commercial Centre,
98000 Miri, Sarawak.
Tel: 085-659564/410243
Fax: 085-659564/412579
Email: temanser@tm.net.my
Contact person : Ms. Theresa Lipah/Ms. Sudan Ayom

IMM COURSE SCHEDULE 2002 – by Telaga Management Services			
1	COATINGS INSPECTOR	a)	28 FEB – 03 MARCH 2002
		b)	25-28 JULY 2002
		c)	10-13 SEPTEMBER 2002
2	CATHODIC PROTECTION TECHNICIAN LEVEL 1	a)	7-11 JUNE 2002
		b)	20-24 NOVEMBER 2002
3	WELDING INSPECTOR	a)	25-30 OCTOBER 2002

Activity Organiser for Peninsular Malaysia :

Gading Institute Sdn Bhd
85-2 & 87-2, Changkat Thamby Dollah
Off Jalan Pudu
55100 Kuala Lumpur
Tel: 03-21416300 Fax: 03-21419053
Email: gading99@tm.net.my
Contact persons : Ms. Chan Moi Leng/ Mr. Raymond Swa

IMM COURSE SCHEDULE 2002 – by Gading Institute Sdn Bhd			
1	COATINGS INSPECTOR	a)	18-21 MARCH 2002
		b)	17-20 JUNE 2002
		c)	9-12 SEPTEMBER 2002
2	WELDING INSPECTOR	a)	18-23 MARCH 2002
		b)	17-22 JUNE 2002
		c)	9-14 SEPTEMBER 2002
3	CATHODIC PROTECTION TECHNICIAN LEVEL 1	a)	15-19 APRIL 2002
		b)	14-18 OCT 2002
4	CATHODIC PROTECTION TECHNICIAN LEVEL 2	a)	20-24 MAY 2002
		b)	28 OCT-1 NOV 2002
5	POWER SYSTEM GROUNDING & ELECTROMAGNETIC INTERFERENCE ANALYSIS	a)	5-9 AUGUST 2002
6	BLASTING & PAINTING SUPERVISOR	a)	16-17 APRIL 2002
		b)	15-16 OCT 2002
7	COATING DEFECTS	a)	5-May-2002
		b)	29-Oct-02
8	CORROSION CONTROL BY PROTECTIVE PAINT	a)	18-19 MARCH 2002
		b)	17-18 JUNE 2002
		c)	9-10 SEPTEMBER 2002
9	SENIOR COATINGS INSPECTOR	a)	5-9 AUGUST 2002

ANUGERAH SAINS DAN TEKNOLOGI IMM – IPTA 2001
PAMERAN PENYELIDIKAN INSTITUT PENGAJIAN TINGGI AM
25-27 OKTOBER, 2001



HADIAH INOVATIF INSTITUT SAINS BAHAN 2001.

Institut Bahan Malaysia adalah sebuah institut sukarela yang ditubuh khusus untuk menggalak dan memajukan Sains dan Teknologi Bahan. Segala usaha dan sumbangan semua pihak keatas cita-cita ini akan sentiasa dipupuk dan disokong demi kesejahteraan kehidupan manusia terutama dibumi Malaysia yang tercinta.

Panel hakim Institut Bahan amat tertarik dengan potensi bahan yang telah dicipta oleh sekumpulan ahli penyelidik tempatan yang mungkin mempunyai potensi besar sebagai bahan yang amat berguna dalam bidang Teknologi Maklumat dan bidang-bidang teknologi termaju yang lain. Kegunaan bahan yang dihasilkan hanya dibatasi oleh imaginasi penggunaanya.

Atas sebab-sebab inilah panel hakim yang dipertanggungjawab memilih projek “Pengeluaran kertas magnetik daripada kayu tropic” oleh Dr Sarani Zakaria dari Universiti Kebangsaan Malaysia sebagai pemenang anugerah Inovatif Institut Bahan Malaysia 2001.

HADIAH MERIT (I)

Hasil penyelidikan ini merupakan satu cabaran kepada para saintis bahan kerana ia dihasilkan oleh seorang di luar bidang berkenaan. Namun begitu penyelidikannya menghasilkan bahan yang amat berguna daripada rumpai yang banyak menimbulkan masalah.

Panel hakim berpendapat bahwa bahan tersebut perlu dikaji dengan mendalam dari aspek sains bahan kerana ia berpotensi mempunyai kegunaan lain selain dari pembuatan pasu dan tembikar. Bahan ia mungkin berpotensi sebagai bahan untuk komponen-komponen yang lebih canggih dan termaju. Atas sebab inilah hadiah Merit Institut Sains Bahan di anugerahkan kepada Encik Samsu Mohamad dari Universiti Malaysia Sarawak atas kajiannya bertajuk “Hydrilla Tasik UNIMAS dan potensinya sebagai komposisi Gerlis”.

HADIAH MERIT (II)

Bahan plastik lazimnya adalah satu bahan yang amat sulit untuk dimusnahkan atau dikitar semula kerana ia tidak berkarat atau mudah reput serta pencemar alam yang sukar ditangani. Segala usaha untuk menghasilkan plastik mesra-alam daripada bahan tempatan adalah amat digalakkan dan harus juga digembleng.

Atas sebab-sebab inilah Institut Bahan Malaysia bersetuju untuk memberi anugerah Merit kepada projek “Penghasilan polimer cecair dari minyak sawit” oleh Prof Madya Razip Samian dan rakan-rakan dari Universiti Sains Malaysia.