

INSTITUTE OF MATERIALS, MALAYSIA

ANNUAL REPORT OF THE COUNCIL FOR THE FINANCIAL YEAR ENDING 31ST DECEMBER 2017



Dear IMM Members,

On behalf of the IMM Council, I am pleased to present the Report of the activities of IMM covering the period from 1st January 2017 to 31st December 2017 plus activities prior to this AGM in early 2018.

(I) IMM COUNCIL AND IMM MANAGEMENT COMMITTEE MEETINGS

For the year under review, the IMM Council held 4 meetings while the IMM Management Committee held 7 meetings.

Date	Event
	Council term: 2016 - 2018
16 th February 2017	Council Meeting no. 4
2 nd May 2017	Council Meeting no. 5
28 th July 2017	Council Meeting no. 6
7 th October 2017	Council Meeting no. 7

Date	Event
	Council term: 2016 - 2018
6 th January 2017	Management Committee Meeting no.4
16 th February 2017	Management Committee Meeting no.5
17 th April 2017	Management Committee Meeting no.6
19 th May 2017	Management Committee Meeting no.7
28 th July 2017	Management Committee Meeting no.8
28 th August 2017	Management Committee Meeting no.9
24 th October 2017	Management Committee Meeting no.10

During the penultimate IMM Council Meeting no. 7 (term: 2016 – 2018) on 24th October 2017 at Kelab Golf Negara Subang, the IMM Council conducted elections from within the Council, in accordance with Clause no. 3.3.2.2 of the IMM Constitution for the posts of Deputy President, Honorary Secretary and Honorary Treasurer for the 2018-2020 Council Term.

Mohd. Azmi Mohd Noor (F3820) from Kebabangan Petroleum Oil Company Sdn Bhd will continue his second term as President for 2018 – 2020 Council Term. The term of office for the President shall be two consecutive terms in accordance with Clause no. 3.3.2.1 of the IMM Constitution.

The following were elected:-

Deputy President: Dato' Dr. Ir. Hj. Mohd Abdul Karim Abdullah (F7442) proposed by Prof. Dr. Mohamad Kamal Bin Harun (F0117) and seconded by Ir. Mohd Suradi Yasin (F0010)

Honorary Secretary: Assoc. Prof. Dr. Melissa Chan Chin Han (F4118) proposed by Dato' Udani Dato' Seri Mohamed Daud (F7208) and seconded by Zainudin Zulkifli (F7045)

Honorary Treasurer: Dr. Zulkarnain Kedah (F7911) proposed by Sofiyah Yahaya (F6040) and seconded by Assoc. Prof. Dr. Melissa Chan Chin Han (F4118)

The IMM Council congratulates the above elected officials and look forward to their contribution towards the development of materials technology through the IMM.

(II) THE ACTIVITIES CARRIED OUT BY THE VARIOUS IMM WORKING COMMITTEES AND REGIONAL CHAPTERS ARE LISTED BELOW:-

DATE	ACTIVITY	COMMITTEE
JAN	Materials Mind Issue 16	
5 Jan	Coating Committee Small Group Meeting on Recertification	Coating Committee & Materials Technology Education Sdn Bhd (MTE) team
6 Jan	4 th Management Committee Meeting at Pappa Rich, Subang Parade	Management Committee & Secretariat
10 Jan	Meeting with National Metrology Institute of Malaysia (NMIM)	Suradi, Dr. Zulkarnain & MTE team
12 Jan	Southern Chapter meeting at Universiti Teknologi Malaysia (UTM)	Southern Chapter & Education Committee
12 Jan	6 th Vibration Committee Meeting at Menara Dayabumi	Vibration Committee & Secretariat
13 Jan	Meeting with Dialogue and Pengerang Integrated Petroleum Complex (PIPC) in Pengerang	Education Committee
14 Jan	1 st IMM Away Day at Amverton Cove Golf Club	Management Committee & Council
14 Jan	5 th Miri Chapter Meeting (Session 2016-2018) at AMW Conference Room, Miri	Miri Chapter
19 Jan	2 nd Coating Fingerprinting (FP) Task Force Meeting 2017 at Kelab Golf Negara Subang (KGNS)	FP Task Force & Secretariat
10 Feb	2 nd Insulation Committee Meeting	Insulation Committee & Secretariat
13 Feb	2 nd IMM Away Day Meeting at PETRONAS Twin Towers	Management Committee & Council
13 Feb	Meeting with CETIM Asia Pacific	Azmi, Max Ong, Nigel, Dr. Andrew Spowage, Melissa
15 Feb	Coating Conference Organizing Committee Meeting at KLCC	Coating Committee & Secretariat
16 Feb	Materials Mind Meeting on advertisement at Tunku Abdul Rahman University College (TAR-UC)	Materials Mind Committee & Secretariat
16 Feb	5 th Management Committee Meeting at KGNS	Management Committee,
16 Feb	4 th Council Meeting at KGNS	Council & Secretariat
17 Feb	Vibration Conference Organizing Committee at ICON Building	Vibration Committee & Secretariat

17 Feb	7 th Vibration Committee Meeting at ICON Building	Vibration Committee & Secretariat
20 Feb	4 th Corrosion Committee Meeting	Corrosion Committee & Secretariat
22 Feb	Meeting with Southern Chapter on IMM-UTM Symposium on Materials Processing, Inspection and Testing at UTM, Johor	Southern Chapter & Secretariat
23 Feb	½-day IMM Coating Seminar at Tanjung Puteri Golf Resort, Pasir Gudang, Johor	Coating Committee, Council & Secretariat
25 Feb	IMM Futsal Tournament Game at IM4U, Puchong	Azmi, Max Ong & Secretariat
28 Feb	Website meeting at IMM Secretariat Office, Puchong	Website Committee & Secretariat
2 Mar	Materials Mind Meeting at IMM Secretariat Office, Puchong	Materials Mind Committee & Secretariat
3 Mar	2 nd Welding Committee Meeting at CIAST, Shah Alam	Welding Committee & Secretariat
11 Mar	6 th Miri Chapter Meeting at BV Conference Room, Miri	Miri Chapter
16 Mar	1-Day IMM Conference on Insulation at UTM Space	Insulation Committee & Secretariat
16 Mar	27 th IMM Annual General Meeting at UTM Space	Council & Secretariat
17 Mar	Signing of IMM-Society for Protective Coatings (SSPC) Cooperation Agreement at Malaysian Petroleum Club	Coating Committee, Council & Secretariat
20 Mar	7 th Vibration Committee Meeting at Menara Dayabumi	Vibration Committee & Secretariat
30 Mar	½-Day IMM Vibration Awareness Seminar & Plant Visit at Tentera Laut Diraja Malaysia (TLDM), Lumut, Perak	Vibration Committee & Secretariat
31 Mar	5 th Materials Mind meeting	Materials Mind Committee & Secretariat
31 Mar	2 nd Website Committee meeting	Website Committee, Melissa & Secretariat
April	Materials Mind Issue 17	
6 April	Plant Visit at RAPID Pengerang, Johor	Corrosion Committee & Secretariat

7 April	2 nd Materials Lecture Competition (MLC2017) Committee Meeting	MLC Committee
10 – 11 April	6 th Sabah Oil & Gas Conference & Exhibition	MTE team
17 April	8 th Vibration Committee Meeting	Vibration Committee & Secretariat
18 April	1-Day IMM Awareness Seminar: Monitoring and Management of Vibration at Tatiuc, Kemaman, Terengganu	Vibration Committee & Secretariat
18 April	MLC 2017 Semi Final at Asia Pacific University, Kuala Lumpur	MLC Committee & Secretariat
20 – 21 April	International Conference on Materials Technology and Energy 2017 (ICMTE), Curtin University, Miri, Sarawak	Miri Chapter, Azmi & Institution of Engineers, Malaysia (IEM), Miri
2 May	5 th Council Meeting at KGNS	Council & Secretariat
2 May	Career Talk at International College of Advanced Technologies (ICATS), Kuching, Sarawak	Vibration Committee & Student Chapter
4 May	Facility Integrity & Maintenance Conference, Golden Bay Hotel, Bintulu, Sarawak.	Bintulu Chapter & Secretariat
5 May	3 rd Welding Committee Meeting at CIAST, Shah Alam	Welding Committee
10 May	IMM Coating Friendly Golf Game, Kinrara Golf Club, Bandara Kinrara, Puchong, Selangor.	Coating Committee & Council
16 May	MLC2017 Final at Asia Pacific University, Kuala Lumpur	MLC Committee & Secretariat
18 May	1-Day IMM Coating Conference on Combating Coating Failure, Corus Hotel, Kuala Lumpur	Coating Committee & Secretariat
22 May	Visit to Chinese Mechanical Engineering Society (CMES) and China Center for NDT Certification.	Vibration Committee & Secretariat
24 May	Visit to South West Jiao Tung University (SWJT) and National Rail Traction Research Centre.	Vibration Committee & Secretariat
27 May	7 th IMM Miri Chapter Meeting at AMW Conference Room, Miri	Miri Chapter

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11 July	5 th Corrosion Committee Meeting at Malaysia Petroleum Club, PETRONAS Twin Tower	Corrosion Committee & event organizer
18 July	½-Day IMM-Interscience-Quantachrome Seminar on Characterizing Porous Materials and Powder at ITS Office, Shah Alam, Malaysia	Polymer Committee & Azmi
29 Jul	8 th Miri Chapter Meeting at BV Conference Room, Miri	Miri Chapter
9 Aug	5 th Vibration Committee Meeting at Room 1001, Level 10, Menara Dayabumi, KL	Vibration Committee & event organizer
24 Aug	1-Day UTM-IMM Symposium on Materials Processing, Impact and Testing	Southern Chapter, Melissa, Suradi, Max Ong & event organizer
7 Sept	6 th Corrosion Committee Meeting at Menara Shell	Corrosion Committee & event organizer
15 Sept	4 th Welding Committee Meeting at JOTAC Sdn Bhd	Welding Committee
27 Sept	1-Day IMM Conference on Pipeline Corrosion Management at Corus Hotel	Corrosion Committee & event organizer
27-28 Sept	4 th Workshop on Sample Preparation and Microstructural Analysis 2017	Southern Chapter
30 Sept	IMM Vibration Golf at Kota Seriemas Golf & Country Club, Nilai	Vibration Committee & Golf Committee
7 Oct	9 th Miri Chapter Meeting at BV Conference Room, Miri	Miri Chapter
26 Oct	6 th Vibration Committee Meeting at Menara Dayabumi, KL	Vibration Committee & event organizer
31 Oct	1-Day IMM Conference on Prevention of Loss of Primary	IMM Bintulu Chapter & event organizer
2 Nov	1-Day IMM Coating Conference on Combating Coatings Failure on PFP at KL	Coating Committee & event organizer
3 Nov	Universiti Tunku Abdul Rahman (UTAR)-IMM Student Chapter Talk	Student Chapters & IMM-UTAR Student Chapter
16 Nov	1-Day IMM Vibration Conference, Theme: Vibration Technology in Industry at Corus Hotel, KL	Vibration Committee & event organizer
27 Nov	7 th Corrosion Committee Meeting at Menara Shell	Corrosion Committee
8 Dec	5 th Welding Committee Meeting at CIAST, Shah Alam	Welding Committee

11-14 Dec	SSPC Blasting (C7) & Painting (C12) course and Train-the-trainer course in Shah Alam	Coating Committee and SSPC
21 Dec	Secretariat meeting at KLCC Suria	Azmi, Melissa & Secretariat
26 Dec	Website Committee meeting at IMM Secretariat Office	Dr. Yong, Melissa & Secretariat

In addition to the above committee & regional chapter activities, 53 IMM training courses and certification schemes such as the IMM Coating Inspector Course, IMM Blaster & Painter Scheme, JWES Welding Engineer Course, IMM Corrosion Technician Certification Course, the new IMM Materials Selection & Corrosion and many others were held in 2017. Many of these certifications are mandatory requirements in the Malaysian oil & gas industry. IMM, through its subsidiary company, Materials Technology Education Sdn Bhd (MTE) organized these activities and MTE will present a separate report (APPENDIX 1) to members.

IMM understands the importance of impartiality in carrying out its certification activities and ensuring the objectivity of all its certification. Over the years, MTE have conducted numerous IMM courses on Coating, Coating Fingerprinting, Corrosion, Welding, Insulation, Vibration etc. Over 600 Coatings Inspectors have been trained and certified as well as 2500 Blasters & Painters, Supervisors, Corrosion Technician and Vibration Practitioners. Its certification programs are recognized by PETRONAS and all oil & gas operators. Since January 2011, 72 Associate Welding Engineers, 80 Welding Engineers, 20 Senior Welding Engineers and 24 Coating Fingerprint Quality Controllers were trained and certified.

(III) HIGHLIGHTS OF ACTIVITIES IN 2017

FULL REPORT ON SECTION (III) CAN BE ACCESSED ELECTRONICALLY ON IMM WEBSITE (www.iomm.org.my).

(IV) SUMMARY AND MOVING FORWARD

2017 was an eventful year for IMM. IMM aims to bring greater awareness of Materials Science & Engineering to all sectors of industry and academia and encourages everyone to join and share their knowledge, experience and expertise for the benefit of the nation.

The IMM Council thank all members of the Working Committees, Regional Chapters, and staff of the IMM Secretariat and staff at the office of Materials Technology Education Sdn Bhd (MTE) for their continuing efforts to promote and fulfill the objectives of the IMM.

On behalf of the Council

Assoc. Prof. Dr. Melissa Chan Chin Han

Honorary Secretary

Date: 15th Jan 2018



Photo by Sofiyah Yahya

Mission

1. To be the technical authority on material science and technology
2. To develop and enhance competency and skills for all categories and practitioners
3. To become an internationally recognized certifying body
4. To be the forum for industry and academia collaboration
5. To positively contribute to society and quality of life

Vision To be an internationally recognised leading institution in materials science and technology