

2017 APMA Activities

The 9th Board Meeting

Date : Tuesday 11 April 2017 13:30-15:00

Venue : Peace Room 4th Floor Sheraton Hsinchu Hotel, Taiwan

Participants :

APMA Board Member

President	Isamu Kikuchi (JPMA, Japan)
Director	Rang Cai (CPMA, China)
Director	Chiu-Lung Chu (TPMA, Taiwan)
Director	N. Gopinath (PMAI, India)
Auditor	Akira Kawasaki (JSPM, Japan)
Secretariat	Takashi Saito (JPMA, Japan)

Attendant of APMA Members Association

CPMA(China)	Rang Cai (President) Han Wei (Secretary General), Yang Yu (Vice Secretary General)
CPMS(China)	Xiang Xiong (Director), Bin Liu, Hong Wu
JPMA(Japan)	Isamu Kikuchi (President) Takashi Saito (Executive Director) Sanpei Seki (Chairman of Public Relations Committee) Aoi Yamanaka (Secretary, Planning and Statistics)
JSPM(Japan)	Akira Kawasaki (President) Yoko Inoue (Secretary General)
KPMA(Korea)	Sung Hwan An (Vice Chairman), Joon Park (Director)
KPMI(Korea)	Yong JIn Kim (President) Hyoung Seop Kim (Vice President), Young Do Kim (Former President) Jai Sung Lee (Former President), Chang Kyu Lee (Director)
PMAI(India)	N.Gopinath (President) Aniket Gore (Vice President), Deepak Grover (Vice President)
TPMA(Taiwan)	Chiu Lung Chu (President) Sea Fue Wang (Vice President) S J Liao (Secretary General) H L Lee (Supervisor)
ThaiPMA(Thailand)	Ruangdaj Tongsri (President) Boon Teeraprawatekul (Secretary General)

Conclusions

- *2016 Finance and 2017 Budget was approved
- *Report of APMA2017 Taiwan
- *Introduction of the World PM2018 Beijing preparations situation
- *Report of APMA2019 Conference (India) preparations situation
- *ThaiPMA approval as member of APMA
- *Mr. Chu (TPMA) approval as new president of APMA (President change at World PM2018)

APMA2017 Hsinchu, Taiwan Review

APMA2017 (the 4th International Conference on Powder Metallurgy in Asia), organized by TPMA (Taiwan Powder Metallurgy Association), was held on 9 to 11/Apr., at Sheraton Hsinchu Hotel.

469 people, mainly from Asia, participated. The main participating countries are as follows.

Aria	Prticipants
Taiwan	155
China	127
Japan	89
Korea	47
India	4
Ohers	47

The Conference started with registration on 9/ Apr., and an opening ceremony, a PM forum, invitation lectures and presentations of research report were held on 10/Apr., and invitation lectures and presentations of research report were held on 11/Apr..

○Opening ceremony and PM Forum

At the opening ceremony, Mr.Chiu, Chairman of Organizing Committee, made welcome speech and introduced the attended VIPs, and then Mr. Kikuchi, Chairman of APMA, made greeting speech.



Opening address
(Shiu Chairman)

At PM Forum, TPMA (Taiwan), CPMA (China), PMAI (India), JPMA (Japan) and KPMI (Korea) reported their situation in each area and their activities.

○Plenary Lecture

At Plenary Lectures, four kind of themes, consist of Soft Magnetic Composites, Ti-6Al-4V alloy, Furnaces and Industry 4.0 (PM Industry), were lectured.

○Presentation of Research report

Presentation of Research report, total 360 reports were presented. In that, Oral presentation were 264 and Poster presentation were 96.

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Oral presentation were made from 7 categories at 6 meeting rooms from April 10th through 11th. The animated discussion were made.

○Exhibition

Exhibition was held at two venues. Total 50 companies exhibited, consist of "major European & US P/M makers and major domestic P/M makers mainly", raw material suppliers, equipment makers and P/M makers.



Exhibition Place

○Gala Dinner

Gala Dinner was started by the greeting speeches of Mr. Chiu, Chairman of Organizing Committee, and Mr. Kikuchi, Chairman of APMA.

The presenters of superior research report received honor afterwards. And letters of thanks were conferred on the companies who cooperated with success of APMA2017 much.

PM Production in Asia

PM Production (Source JPMA, PMAI, KPMI, TPMA and CMPMA)

(Metric Tons)

AREA		2015	2016	2017	17/16(%)
Japan	Iron-base	89,123	88,145	92,166	104.6
	Copper-base	3,449	3,121	3,059	98.0
	Total	92,572	91,266	95,225	104.3
China	Iron-base	146,153	156,525	169,636	108.4
	Copper-base	12,457	12,669	15,535	122.6
	Total	158,610	169,194	185,171	109.4
Korea	*Iron-base	67,617	64,086	68,917	107.5
	Copper-base	640	633	435	68.7
	Total	68,257	64,719	69,352	107.2
Taiwan	Iron-base	30,680	30,000	32,637	108.8
	Copper-base	2,100	2,000	2,070	103.5
	Total	32,780	32,000	34,707	108.6
India	Iron-base	30,500	30,000	33,600	112.0
	Copper-base	10,000	6,000	7,200	120.0
	Total	40,500	36,000	40,800	113.3
Malaysia	Iron-base	4,186	3,810	3,744	98.3
	Copper-base	136	116	85	73.3
	Total	4,322	3,926	3,829	97.5
Singapore	Iron-base	1,452	1,486	1,542	103.8
	Copper-base	498	438	404	92.2
	Total	1,950	1,924	1,946	101.1
Thailand	Iron-base	16,074	17,141	16,498	96.2
	Copper-base	7	8	66	825.0
	Total	16,081	17,149	16,564	96.6
Indonesia	Iron-base	3,992	5,444	6,134	112.7
	Copper-base	83	68	96	141.2
	Total	4,075	5,512	6,230	113.0
Total	Iron-base	389,777	396,637	424,874	107.1
	Copper-base	29,370	25,053	28,950	115.5
	Total	419,147	421,690	453,824	107.6

*Included "Others"

Application Field Ratio of PM Production (2017) (%)

AREA	For Transportation Machines	For Industrial Machines	For Electrical Machines	For Others
Japan	94.3	4.8	0.6	0.3
China	62.0	2.0	25.0	11.0
Korea	94.0	0.0	3.0	3.0
Taiwan	44.0	26.0	7.0	20.0
India	80.0	5.0	8.0	7.0
Malaysia	56.1	1.9	42.0	0.0
Singapore	52.5	3.2	42.9	1.4
Thailand	91.8	1.1	7.1	0.0
Indonesia	100.0	0.0	0.0	0.0