

## 2015 APMA Activities

### The 7th Board Meeting

Date: Sunday 8<sup>th</sup> November 2015 16:00 - 17:00

Venue : Hotel Granvia Kyoto, Konjaku, 3rd Floor

Participants :

#### APMA Board Member

President	Mr. Isamu Kikuchi (JPMA, Japan)
Director	Mr. Chang Whan Bae (KPMA, Korea)
Director	Mr. Chiu-Lung Chu (TPMA, Taiwan)
Director	Mr. Cai Rang (CPMA, China)
Auditor	Mr. Jun Sakai (JSPM, Japan)
Secretariat	Mr. Takashi Saito (JPMA, Japan)

#### Attendant of APMA Members Association

CPMA(China)	Dr. Han Wei	Secretary General
	Dr. Yu Yang	Vice Secretary General
CPMS(China)	Prof. Xiong Xiang	Director
	Mr. Bin Liu	Director
TPMA(Taiwan)	Mr. Sea Fue Wang	Vice President
	Mr. Shin Chieh Liao	Secretariat
KPMA(Korea)	Mr. In Bun Jeong	Director
	Mr. Suc Choi	Secretariat
KPMI(Korea)	Prof. Tae Suk Jang	President
	Prof. Young Do Kim	Director
	Prof. Jai Sunng Lee	Director
PMAI(India)	-----	
JSPM(Japan)	Ms. Yoko Inoue	Secretary General
JPMA(Japan)	Mr. Mamoru Moritani	President
	Mr. Yoichi Inoue	Permanent Board of Director
	Mr. Taichi Haraguchi	Permanent Board of Director
	Mr. Shuzo Sonoda	Permanent Board of Director
	Mr. Sanpei Seki	Chairman of Committee Administration
	Mr. Hideo Kato	Member of Committee Administration
	Mr. Yoshio Uetsuki	Member of Committee Administration
	Mr. Yusuke Watanuki	Secretariat

#### Conclusion

\*2014 Finance and 2015 Budget was approved

\*2016 Member Fee was approved

\*World PM2018 date was decided.

Date: September, 16-18, 2018

Venue: Beijing National Convention Center

\*Introduction of the APMA2017 Taiwan preparations situation

\*Next APMA Board Meeting is decided to be held at World PM2016 Hamburg, Germany

## APMA2015 Kyoto, Japan review

APMA (Asian Powder Metallurgy Association) has held "Asian Powder Metallurgy Congress (APMA Congress)" at the year that World Congress is not held to strengthen the connection and co-operation in Asian area.

The first congress was held in Korea in 2011, the second congress was held in China in 2013. At APMA board meeting in 2013, it was decided to hold the third Congress will be held in Japan in 2015 (APMA2015).

APMA2015 was held at Kyoto University under the sponsorship of JSPM (Japan Society of Powder & Powder Metallurgy) and JPMA (Japan Powder Metallurgy Association) before JSPM autumn congress since November 8<sup>th</sup> through 10<sup>th</sup>. Total attendees were 439 from 19 countries mainly from Asian area.

Main participating countries were as follows.

Aria	Prticipants
Japan	278
China	50
Korea	36
Taiwan	28
Sweden	8
Malaysia	7
Others	32

The Congress was held at Kyoto University Clock Tower Centennial Hall. The registration was started at November, 8<sup>th</sup>. And at the same day, we had APMA board meeting and Friendship Night at Hotel Granvia Kyoto. At 9<sup>th</sup>, the Opening Ceremony, PM Forum, Presentation of Research Report Exhibition were held. At 10<sup>th</sup>, Presentation of Research Report, Exhibition and Case Studies of Production Efficiency Improvement Meeting were held. And also, Conference Party was held at Hotel Granvia Kyoto.



Venue APMA2015

(Kyoto University Clock Tower Centennial Hall)

### ○Opening Ceremony and PM Forum

At Opening Ceremony, Mr. Sakai, Chairman of Organizing Committee (Chairman of JSPM) and Mr. Kikuchi, Chairman of APMA, made an opening address.

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



Opening address  
(Sakai Chairman)

### ○Presentation of Research report (November 9-10)

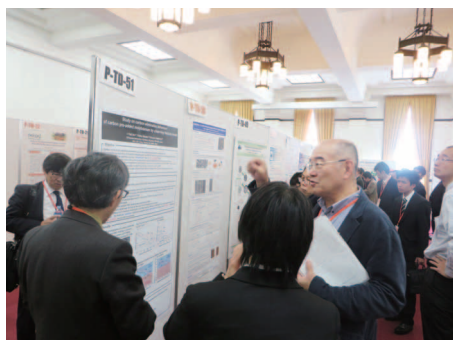
At Presentation of Research Report, total 195 reports were presented. In that, Oral presentation were 143 and Poster presentation were 52.

Oral presentation were made from 6 categories at 5 meeting rooms from November 9<sup>th</sup> through 10<sup>th</sup>. The animated discussion were made.



Oral Room

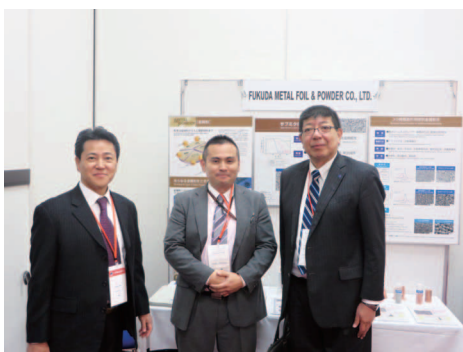
Poster presentation were made from November 9<sup>th</sup> until the noon of 10<sup>th</sup>. And from 11:30 through 13:30, Core Time was settled, also the animated discussion were made.



Poster Room

#### ○Exhibition (November 9-10)

The exhibition was settled at the same meeting space of Poster presentation. 13 companies were participated.



Exhibition Booth

#### ○Conference Party (November 10)

The conference party was held as the last event of APMA2015 at Hotel Granvia Kyoto. Under the chairmanship by Prof. Yoshimura (Kyoto University) and Prof. Matsubara (Tohoku University), Mr. Sakai, Chairman of Organization

Committee, made an opening address and Mr. Moritani, Vice Chairman of Organization Committee, made a toast. At this party, 8 Poster Award were commended. And Japanese harp attraction were made. And also, PR of APMA2017 Taiwan and World PM2018 China were made.

Finally, Ms. Inoue, Ms. Doi and Ms. Yoshida of JSPM were introduced as the members who has worked for the success of APMA2015. Mr. Sonoda, a member of Organization Committee, were made the closing address. Total attendees were 258.



Mr. Sonoda and secretariat members

## PM Production in Asia

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

(Metric Tons)

AREA		2013	2014	2015	15/14(%)
Japan	Iron-base	93,251	93,594	89,123	95.2
	Copper-base	3,948	3,984	3,449	86.6
	Total	97,199	97,578	92,572	94.9
China	Iron-base	145,291	166,865	146,153	87.6
	Copper-base	11,293	12,173	12,457	102.3
	Total	156,584	179,038	158,610	88.6
Korea	*Iron-base	65,292	67,881	67,617	99.6
	Copper-base	585	632	640	101.3
	Total	65,877	68,513	68,257	99.6
Taiwan	Iron-base	29,000	30,000	30,680	102.3
	Copper-base	1,500	2,000	2,100	105.0
	Total	30,500	32,000	32,780	102.4
India	Iron-base	36,000	37,000	30,500	82.4
	Copper-base	12,100	12,100	10,000	82.6
	Total	48,100	49,100	40,500	82.3
Malaysia	Iron-base	5,419	4,963	4,186	84.3
	Copper-base	239	213	136	63.8
	Total	5,658	5,176	4,322	83.5
Singapore	Iron-base	1,443	1,420	1,452	102.2
	Copper-base	626	600	498	83.0
	Total	2,069	2,020	1,950	96.5
Thailand	Iron-base	15,156	14,748	16,074	109.0
	Copper-base	7	7	7	100.0
	Total	15,163	14,755	16,081	109.0
Indonesia	Iron-base	1,619	2,959	3,992	134.9
	Copper-base	0	45	83	184.4
	Total	1,619	3,004	4,075	135.6
Total	Iron-base	392,471	419,430	389,777	92.9
	Copper-base	30,298	31,754	29,370	92.5
	Total	422,769	451,184	419,147	92.9

\*Included "Others"

## Application Field Ratio of PM Production (2015) (%)

AREA	For Transportation Machines	For Industrial Machines	For Electrical Machines	For Others
Japan	92	4	3	1
China	63	2	24	11
Korea	93	1	3	3
Taiwan	45	25	8	22
India	80	5	8	7
Malaysia	58	3	39	0
Singapore	53	5	41	1
Thailand	92	1	7	0
Indonesia	100	0	0	0