

## 2013 APMA Activities

### The 5th Board Meeting

Date: Monday 4<sup>th</sup> November 2013 10:00 - 12:00

Venue : Xiamen International Conference Center

Participants :

APMA Board Member

President	Mr. Isamu Kikuchi (JPMA, Japan)
Director	Prof. Jai Sung Lee (KPMA, Korea)
Director	Mr. Chiu-Lung Chu (TPMA, Taiwan)
Director	Mr. N. Gopinath (PMAI, India)
Director	Dr. Han Wei (SATI-PM, China)
Auditor	Prof. Hideshi Miura (JSPM, Japan)
Secretariat	Mr. Kazunori Arai (JPMA, Japan)
Interpreter	Mr. Takashi Saito (JPMA, Japan)

Conclusion

\*2013 Finance was approved

\*Next APMA Conference decided at Japan

\*The check of the problems of PM2018 venue

\*Next APMA Board Meeting decided at PM2014 Florida

## APMA2013 Xiamen, China review

APMA made a start at Asian PM related association Conference that was held at the time of PM 2008 in Washington, U.S.A. by the appeal of JPMA.

After the start, we had the board members meeting every year. The first Asian Powder Metallurgy Congress (APMA2011) was held in 2011 to promote the exchange and to strengthen the connection. So this is the 2<sup>nd</sup> Congress.



APMA2013 was held at Xiamen International Conference Center Hotel in Xiamen, China by 4 days schedule from November 3<sup>rd</sup> through 6<sup>th</sup>

under the organizers of SATI-PM · TPM ( APMA approval ) .

“Asian PM Congress” will be held in the year that “PM World Congress” will not be held, by the decision of APMA Board Meeting at the same time of the regular meeting of APMA member association.

In APMA2013, 516 persons from 11 area, mainly from Asian area, attended.

The conference was started by the registration on November 3<sup>rd</sup>, APMA Board Meeting, Opening Ceremony and Invitation Lecture were scheduled on November 4<sup>th</sup>, Invitation Lecture, Forum and Presentation of research report were scheduled on November 5<sup>th</sup> and Presentation of Research report was scheduled on November 6<sup>th</sup> again. Exhibition was scheduled all days in the period.

○APMA Board Meeting (November 4<sup>th</sup>)

The 5<sup>th</sup> Board Meeting was held. 7 areas, 9 associations and 30 members were participated. It was decided and exchanged opinions as follows under the chairmanship of Mr. Kikuchi.

- Situation Report of APMA2013
- Business condition of each country
- Report of revenue & expenditure
- It was decided to hold 2015 3<sup>rd</sup> Asia PM Conference in Japan.
- Opinion exchange about the site of PM2018



○Opening Ceremony of Exhibition (November 4<sup>th</sup>)

The opening ceremony of exhibition was held in front of the entrance of exhibition with the chairmanship of Prof. Wen-Cheng Chang, Vice chairman of organization, after the greeting by Dr. Chai Rang, Chairman of organization.



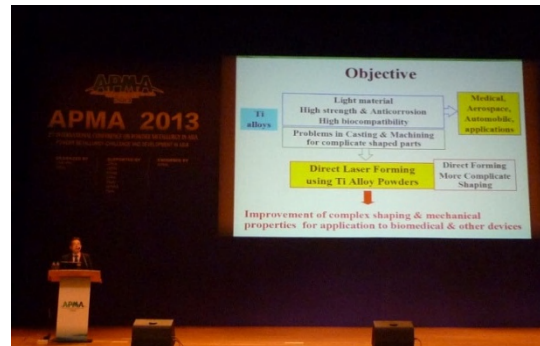
○Opening Ceremony (November 5<sup>th</sup>)

In the opening ceremony, after the exhibition by Chinese harp, Dr. Chai Rang, Chairman of organization did welcome greeting and introduction of VIP. After that, Mr. Kikuchi, President of APMA, A person from Chinese government, Mr. Chu, President of TPMA, Mr. Serge Sella, EPMA President representative, ERASTEEL, and Dr. R..M. German, MPIF President representative, did greeting.



○Invited Keynote Lecture (November 4<sup>th</sup> ~5<sup>th</sup>)

At the Invited Keynote Lecture, 8 lecturers that the organization committee had requested before-hand made the research report or the new situation report.



○PM Forum (November 5<sup>th</sup>)

At the PM forum which was planned for the exchange and co-operation between Asian area associations that was the purpose of APMA, 7 associations made the report about the current situation and their activities.



○Welcome Dinner Meeting (November 5<sup>th</sup>)

After PM forum, welcome dinner meeting was held and 7 attractions and the toast was done by VIP member under the chairmanship of Dr. Yu Yang who was a committee member of technical committee.



○Presentation of Research report (November 4<sup>th</sup>~6<sup>th</sup>)

Total 170 presentations of research report were done (by congress guide). In that, there were 60 oral presentations and 110 poster presentations. The oral presentations were done at 3 meeting places and by 6 categories. The poster session was done from November 4<sup>th</sup> through 6<sup>th</sup>.



○Exhibition (November 4<sup>th</sup> ~6<sup>th</sup>)

The exhibition was held at the lobby and meeting rooms of meeting place. 60 companies (24 companies were out of Asia) exhibited. Total visitors were about 700.



## PM Production in Asia

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

(Metric Tons)

AREA		2011	2012	2013	13/12(%)
Japan	Iron-base	93,538	96,979	96,820	99.8
	Copper-base	3,567	4,427	4,488	101.4
	Total	97,105	101,406	101,308	99.9
China	Iron-base	134,544	129,485	145,291	122.2
	Copper-base	8,884	10,011	11,293	112.8
	Total	143,428	139,496	156,584	112.2
Korea	*Iron-base	62,543	64,026	65,877	102.9
	Copper-base	1,318	1,209	585	48.4
	Total	63,861	65,235	65,877	101.0
Taiwan	Iron-base	27,000	26,000	29,000	111.5
	Copper-base	1,800	1,200	1,500	125.0
	Total	28,800	27,200	30,500	112.1
India	Iron-base	35,400	37,000	**38,300	103.5
	Copper-base	14,500	14,500	**15,000	103.5
	Total	49,900	51,500	**53,300	103.5
Malaysia	Iron-base	6,009	5,335	5,419	101.6
	Copper-base	162	244	239	97.9
	Total	6,171	5,579	5,685	101.9
Singapore	Iron-base	1,744	1,413	1,442	102.0
	Copper-base	674	654	626	95.7
	Total	2,418	2,067	2,069	100.1
Thailand	Iron-base	15,401	16,029	15,156	94.5
	Copper-base	145	6	7	116.7
	Total	15,546	16,035	15,163	94.6
Indonesia	Iron-base	—	—	2,732	—
	Copper-base	—	—	0	—
	Total	—	—	2,732	—
Total	Iron-base	376,179	376,267	399,453	106.2
	Copper-base	31,050	32,251	33,738	104.6
	Total	407,229	408,518	433,191	106.0

\*Included "Others", \*\*Provisional value

Application Field Ratio of PM Production (2013) (%)

AREA	For Transportation Machines	For Industrial Machines	For Electrical Machines	For Others
Japan	92	4	3	1
China	61	2	28	9
Korea	93	0	4	3
Taiwan	45	25	10	20
India	—	—	—	—
Malaysia	57	2	41	0
Singapore	51	5	44	0
Thailand	87	3	10	0
Indonesia	100	0	0	0