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POWDER METALLURGY ASSOCIATION OF INDIA

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Editorial Board

Editor : P. Ramakrishnan
Emeritus Prof. IIT(B)

Members:

Dr. Deep Prakash

N. Gopinath

Dr. Murli Gopal

T. R. Rama Mohan

K. S. Samant

PMAI Office:

B 1002 Kingston, High Street,
Hiranandani Complex, Powai,
Mumbai – 400076. INDIA

Tel: +91-22-2570 4588

E-mail: info@pmai.in

URL: www.pmai.in

Editorial

Preparations are in progress for the PM-16 PM Conference in Pune, 18 – 20 Feb, 2016. The April issue of the Newsletter covered the very successful PM-15 conference in Mumbai, inaugurated by Shri Manohar Parrikar, Defence Minister and the announcement of various award winners prominent among whom is Shashanka, a student of NIT, Rourkela who got the Grand Prize (best student paper), an all expense paid trip to attend POWDERMET2015 in San Diego. Shashanka tells us his experience in his own words. He has informed us of his decision to make a career in PM & PMAI has recommended his candidature to several firms in India & abroad. Also covered is the PMAI participation in the Automotive Engineering Exhibition in Chennai, another first for PMAI. Enquiries received for PM parts were forwarded to Corporate members of PMAI. Please also read about the recognition of GKN Sinter Metals Pune as a preferred supplier by Ford Motor Company and about Sintercom, the first winner of the design innovation award of Maruti Suzuki.

The Powder Metallurgy Short Course PMSC-15, will be held in Pune on 24th – 27th September, 2015. An industry specific curriculum has been developed which will provide an overall perspective & job appreciation to engineers & students as well. Transactions of PMAI, Vol.40, No.1, June 2014 is being published and will be available soon for circulation. We are grateful to Ceramet Consultants, Fluidtherm Technology and Pometon India for sponsoring this issue.

P.Ramakrishnan

NEWSLETTER

An unforgettable journey to Powdermet 2015, USA

(This is a first person lightly edited version of R. Shashanka from NIT Rourkela the recipient of the PMAI Grand Prize for the best student paper awarded during PM15 held in January at IIT (B)Mumbai).

In my childhood I dreamt of visiting USA at least once in my life time and that dream came true through when I visited the POWDERMET-2015 conference held at San Diego, USA between 17th to 20th May, 2015. I won the Grand PMAI Best Student Paper Award at the PM15 Conference of PMAI at IIT(B) and this award was for an 'All Expense Paid Trip to the MPIF conference, POWDERMET-15. This included another 'Guiding Hand' prize which went to my respected teacher & guide, Prof. Debasis Chandra. I am thankful to PMAI management for selecting me to represent the powder metallurgy student fraternity of India to the PM community in USA.



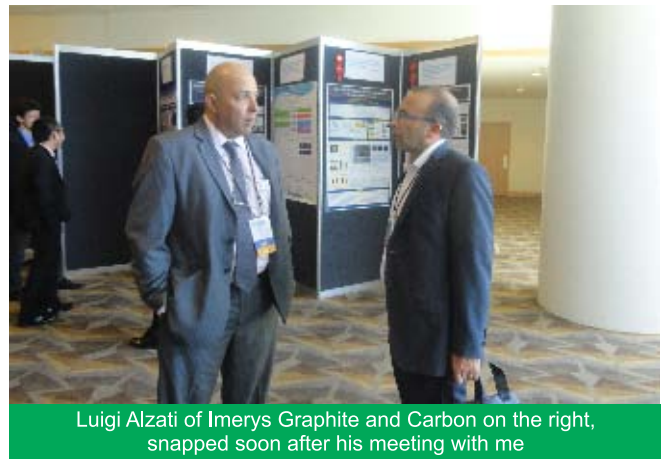
PMAI Best Student Paper Award being conferred on me

I never been in an airplane before so I was little terrified and took some expert advice from my friends. I dreamt every day of my journey and poster presentation at the conference. I was looking forward to meeting experts from industry & academia in the field of powder metallurgy from all over the world. Finally it was time and I left to USA from New Delhi via Frankfurt, Germany, San Francisco, USA and finally landed at my final destination, San Diego, USA on 17th May 2015. The journey was exciting, interesting and an eye opener of life outside India. I booked a taxi at San Diego airport and arrived at the Hilton San Diego Bayfront Hotel where the conference was being held at around 11.45 PM. The hotel was amazing & luxurious; I had a wonderful view of the harbour from my room.



This is one of the best hotels at San Diego. I missed the opening night ceremony of the conference due to my late arrival but attended all other sessions from 18th to 20th May. The next morning I registered for the conference and met many Indians as well.

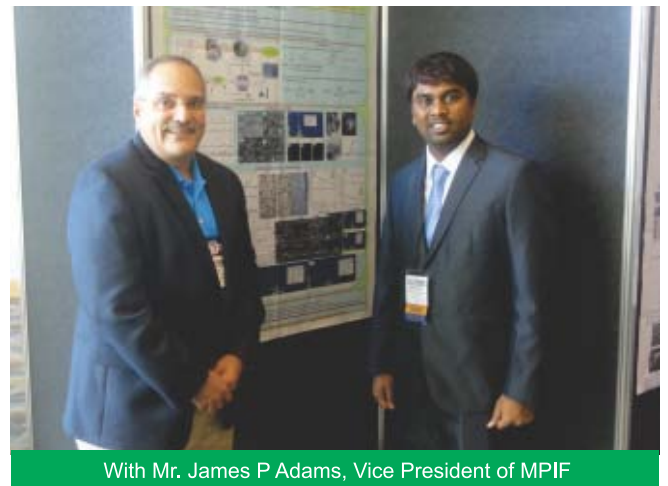
I introduced myself to them as the recipient of Grand PMAI student award and that PMAI had sponsored me for the conference. All of them congratulated me and praised PMAI for providing young researchers like me a platform to showcase our talent by sponsorship to world class overseas conferences. I attended the inaugural keynote presentation by Chris Anderson, the cofounder and CEO of 3D Robotics. He spoke on "The New Industrial Revolution". Technical sessions started immediately after the key note presentation and were excellent in terms of high impact and industrial importance. I could not attend all talks as there were parallel sessions. I was told by PMAI President to meet & thank Mr. Luigi Alzati of Imerys Graphite and Carbon, whose generous donation supplemented the PMAI award & afforded me several luxuries. I found him an active, young and very knowledgeable person. He recognized me before I spoke and he was very happy to see me. I spent a lot of time with him during the conference and I learnt many things from him. He is a true inspiration for the young researchers like me.



Luigi Alzati of Imerys Graphite and Carbon on the right, snapped soon after his meeting with me

He introduced me to some of the CEO's of very big companies on 19th morning. All gathered in front of my poster after lunch. I explained my research work and they seemed greatly impressed. I also met James P Adams, Vice President of MPIF during my poster presentation.

He was very much interested about my work and after I explained he said it was an excellent research presentation and wished me good luck.



With Mr. James P Adams, Vice President of MPIF

This satisfying day ended after my poster presentation and I went to my room dreaming of my future. On the last day, 20 May, I attended sessions papers on spark plasma sintering and powder processing. All talks were applications oriented and of industrial importance. After this amazing conference ended I left this hotel for another that my friend from Chicago booked in downtown San Diego near the airport. Early next morning I went to the San Diego Embarcadero and saw harbour cruises and aircraft carriers. I took a trolley and visited places such as the Seaport Village, the Horton Plaza shopping centre, Gaslamp quarter, Coronado Ferry landing, Balboa park and Little Italy. All these places were nice, clean and full of tourists from different countries. The next I started my long journey back to India. During the trip I recalled the conference sessions, the great people I met and the places I visited. Finally I landed at New Delhi then flew to my home Bangalore. This was an unforgettable experience. I express my gratitude to my guide Prof. Chaira for mentoring me the friendly & inspirational Mr. Luigi Alzati, all members of PMAI governing council, Mr. James P Adams and his colleagues at MPIF for giving me an opportunity to participate in POWDERMET 2015 conference. Thank you all

PMAI as an Association partner in the Automotive Engineering Expo at Chennai

For the first time PMAI participated in an industrial exhibition, the "Automotive Engineering Exhibition" organised by Messe Frankfurt India. This compact exhibition was held between 7 & 9 Jan, 2015 & was inaugurated by the Industries minister, Govt. of Tamil Nadu.



Mr. N. Gopinath, President PMAI along with the Industries minister, Govt. of Tamil Nadu during lamp lighting ceremony, Mr. T. K. Balaji, CMD of Lucas TVS is on the minister's left.

78 persons stopped by the stall including several delegations, 3 to 10 strong from,

Daimler Bharat Benz, Ford India, Ashok Leyland, Royal Enfield, Yamaha Motors, Brakes India, Rane Group, Sundram Clayton, Lucas TVS, Hinduja Tech

An information pack was given to most visitors.

The benefits of the PM process was explained to all by Mr. G. Subramaniam, Consultant & Industry Expert, Mr. C. Venkateswaran of Fluidtherm Technology and on the first day Mr. Sukan of Hognas India. PMAI extends its gratitude to them for their services.

In a small way PMAI fulfilled its objective of making every Indian engineer aware of PM technology in these 3 days. We hope this effort brings long term prosperity to the PM community.



Ford recognises GKN Sinter Metals as preferred supplier with Q1 Award



Ford Motor Company has recognised the GKN Sinter Metals Plant in Pimpri, India, with a Q1 Preferred Quality Status award. This is Ford's highest recognition for supplier excellence and only awarded to suppliers achieving a sustained level of excellence in customer satisfaction over a period of time, while also meeting agreed requirements in quality, productivity and service. Receiving the award is Prafulla Diwan, VP - Sales



Mr. Toshiaki Hasuie, JMD, Maruti Suzuki, Mr Nikhil Chavan, Head-Marketing & Projects, Sintercom, Mr Jignesh Raval, MD, Sintercom and Mr. Kenichi Ayukawa, MD & CEO, Maruti Suzuki



**POWDER
METALLURGY
ASSOCIATION
OF INDIA**

PM16

1st ANNOUNCEMENT & CALL FOR PAPERS

**INTERNATIONAL
CONFERENCE
ON POWDER METALLURGY
& PARTICULATE MATERIALS
+ EXHIBITION**

and the
42nd ANNUAL TECHNICAL MEETING OF PMAI

Thu 18th to Sat 20th, February 2016

Hyatt Regency

Weikfield IT Park, Pune Nagar Road
Pune – 411014, India

**Details & online registration
at**

www.pmai.in/pm16

Call for papers

Deadlines

- Submission of abstracts for oral 07 Dec, 2015
- Acceptance of abstracts 15 Dec, 2016
- Submission of the complete paper* 08 Feb, 2016

*Only complete papers that are received by the deadline and presented at the conference will be published in the Transactions of PMAI (after peer review) and be eligible for awards

Several amazing awards are being offered during PM16 including fully paid attendance at a PM Conference and / or exhibition outside India as well as several other generous grants.

Details at www.pmai.in/pm16

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