



Asian Powder  
Metallurgy Association

Members:  
PM Associations From  
China  
India  
Japan  
S. Korea  
Taiwan  
Thailand

1<sup>st</sup>

**ANNOUNCEMENT  
& CALL FOR PAPER**

# APMA 2019

[www.apma2019.com](http://www.apma2019.com)

#### SEMINARS & SIPs ON:

- PRESS & SINTER TECHNOLOGY FOR AUTO, ELECTRICAL & MACHINE PARTS
- POWDER INJECTION MOULDING (MIM & CIM)
- ADDITIVE MANUFACTURING (3D PRINTING)
- HARD METALS & DIAMOND TOOLS
- DEVELOPMENT OF MATERIALS & ALLOYS FOR EMERGING APPLICATIONS
- TECHNICAL CERAMICS & COMPOSITES

## 5<sup>th</sup> INTERNATIONAL CONFERENCE ON POWDER METALLURGY IN ASIA + EXHIBITION

Registration & pre-conference events: Mon 18 Feb, 2019  
Conference: Tue 19 to Thu 21 Feb, 2019

**JW Marriott Hotel Pune**  
Senapati Bapat Road  
Pune- 411053, India

- Largest conference on Powder Metallurgy & Particulate Materials ever held in India
- Technical sessions on current & emerging opportunities
- Speakers & delegates from all over the world
- Accompanying exhibition showcases innovative products, technologies & organizations
- Large delegation from all APMA member countries
- Several generous awards for students, academia & young professionals

**HOSTED BY POWDER METALLURGY ASSOCIATION OF INDIA**

APMA 2019 runs concurrently with the 45<sup>th</sup> Annual Technical Meeting of PMAI  
[www.pmai.in](http://www.pmai.in)



The **Asian Powder Metallurgy Association**, an association of Asian PM industrial & scientific organisations from China, India, Japan, S. Korea, Taiwan and Thailand is conducting APMA 2019, the biennial international conference of powder metallurgy in Asia for the year 2019 in Pune, India.

## THE CITY OF PUNE

Located close to Mumbai & not far from Goa, the city of Pune has a population of 5 million and is one of the fastest growing cities in India. This city in existence from the 8<sup>th</sup> century AD, was a hotbed of rebellion and a focal point in India's fight for freedom from colonial rule. It is also home to many communities and almost every religious group in the world. Several large automobile manufacturers are based here such as Tata Motors, Bajaj Auto, Audi, Fiat, Force Motors, General Motors, Jaguar- Land Rover, Kawasaki, MAN Trucks, Mercedes-Benz, Piaggio, Vespa and Volkswagen. Several automobile, defence & industrial research establishments are located in Pune.

## CLIMATE IN FEBRUARY

Pune enjoys very pleasant tropical weather. Temperatures in February usually range between a low of 12°C and a high of 32°C. It normally does not rain at this time.



## VENUE

**JW Marriott Hotel Pune**, Senapati Bapat Road, Pune – 411053, India, [www.jwpune.com](http://www.jwpune.com)

**CONFERENCE LANGUAGE:** English

## WHY ATTEND APMA 2019?

Powder Metallurgy includes the techniques of Pressing & Sintering, Powder Injection Moulding, Additive Manufacturing (3D Printing) & Isostatic Pressing. These techniques are used to manufacture components from steel, stainless steel, copper alloys, refractory metals, ceramic & composites. PM has been practiced for several years but is now getting a boost with increased energy and environment consciousness. The development of lifestyle & health devices, VVT, hybrid vehicles, electric vehicles, fuel cells, catalytic converters, composite electrical contacts, advanced sensors, light weight components and thermoelectric devices have been made possible by the use of several technologies that comprise the science & practice of Powder Metallurgy and Particulate Materials. The conference addresses these and related developments by way of presentations made by experts in each field. The concurrent 45th Annual Technical Meet of PMAI provides a platform for students & researchers from scientific establishments & academia to present their work.

## CALL FOR PAPERS FOR ORAL PRESENTATIONS & POSTERS

Extended abstracts (Max. 3 pages [A4], MS Word, Verdana 9 font, single spacing) of papers for oral and poster presentation should be submitted electronically at [www.apma2019.com/abstracts](http://www.apma2019.com/abstracts). This is the only method of submission, please do not send abstracts by email. All accepted abstracts from registered delegates will be published in the conference guide.

## DEADLINES

- |   |              |
|---|--------------|
| ○ Submission of abstracts for oral & poster presentations | 30 Sep, 2018 |
| ○ Acceptance of abstracts                                 | 31 Oct, 2018 |
| ○ Submission of the complete paper*                       | 30 Nov, 2018 |
| ○ Registration of speakers as delegates                   | 31 Dec, 2018 |

*\*Submission of the complete paper is not mandatory for presentation. It is however mandatory if the author wishes the paper to be published in the transactions of Powder Metallurgy Association of India (after peer- review) and become eligible for awards. In this case, only complete papers that are received by the deadline and presented at the conference will be considered.*

## TECHNICAL SESSIONS

The program of plenary, keynote, oral and poster presentations will focus on all aspects of Powder Metallurgy:

### Seminars & Special Interest Programs on

- Press & Sinter technology for auto, electrical and machine parts
- Powder Injection Moulding (MIM & CIM)
- Additive Manufacturing (AM)
- Hard metals & Diamond tools
- Development of materials & alloys for emerging applications
- Technical Ceramics & Composites

covering

- Vehicle weight reduction
- Porous materials
- PM in Electric Vehicles (EVs)
- PM in bio-medical apps & devices
- Powder production & characterisation
- Compaction & other forming processes
- Binder & feedstock development
- Hot Isostatic Pressing (HIP)
- Laser sintering, cladding and coating
- Testing & data mining
- Sintering & post sintering processes
- Spark plasma & hot press sintering
- Dimensional control & machining
- Heat treatment & surface engineering
- Aluminum sintering
- Refractory metals
- Magnetic materials
- Materials for aerospace, defence & nuclear apps
- Materials for energy generation & storage
- Functionally gradient materials
- Ceramics & composites
- Modeling & simulation

## PMAI BEST PRODUCT AWARDS

These awards are given for the best PM/PIM/AM parts developed after 31 Dec, 2017 and which are in commercial production. The format for submission (application form) is available in [www.apma2019.com/awards](http://www.apma2019.com/awards).

**Deadline for receipt of the submission form as well as the parts at the PMAI office is 8 Jan, 2019. Parts will be on display.**

### EXHIBITION (11:00Hr on 19 Feb to 16:30Hr on 21 Feb, 2019)

A limited number of pre-fabricated (shell scheme) stalls are available to PM part manufacturers and suppliers of materials, services and equipment to the PM industry. Each stall is equipped with one name fascia, carpeting, 3 spot lights, 1 power outlet 220 V AC single phase 6 Amps, 1 table, 2 chairs & 1 dustbin. Allotment of stalls & location will be at the discretion of the organisers. This is a small exhibition and all exhibitors will enjoy sufficient visibility.

Exhibitors will be listed in the conference guide and are entitled to one complementary delegate registration plus food coupons for one more person per stall.

### Exhibition rates (stall or raw space)

Per unit of 3mW x 2mD x 2.2mH	INR 150,000/-	USD 2,300/-	Euro 1,890/-
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- 18% GSTax will be applicable.
- 50% payment must accompany the booking request.
- 50% balance payment is required before 30 Sep, 2018.
- Cancellation fee is 20% if canceled before 30 Sep, 2018, 50% if cancelled before 31 Dec, 2018, no refund thereafter.
- Exhibitors may not sublet their stalls

For stall booking please email [conadmin@apma2019.com](mailto:conadmin@apma2019.com)

Visit [www.apma2019.com](http://www.apma2019.com) for rules and regulations related to delegates, exhibitors, sponsors, awards, paper submission and copyright. Rights of admission to the conference, the exhibition as well as acceptance of sponsorship & advertisement are reserved. Admission to the exhibition is allowed only to qualified PM part manufacturers, buyers and academia. Registration on entry is required. Visitors soliciting customers in the exhibition area will be evicted.



## SPONSORSHIP AND ADVERTISEMENT OPPORTUNITIES

### Conference Sponsor:

INR 150,000/- (USD 2,300/-, Euro 1,890/-)

Benefits: 2 free delegates, 1 full page advertisement in the conference guide, 50% discount on one exhibition stall, company name and logo on backdrops & banners, free inclusion in the PMAI website supplier directory. Recognition during the inaugural ceremony.

### Advertising in the Conference Guide (full colour):

Back cover: INR 75,000/- (USD 1153/-, Euro 947/-)

Back inner cover: INR 50,000/- (USD 770/-, Euro 632/-)

Front inner cover: INR 50,000/- (USD 770/-, Euro 632/-)

Full page: INR 25,000/- (USD 385/-, Euro 316/-)

### Display & distribution of leaflets:

(max. A4 size) - will be placed in an exhibition stand

INR 25,000/- (USD 385/-, Euro 316/-). Max. 300 copies should be delivered to the PMAI office before 15 Jan, 2019.

**PMAI offers other sponsorship opportunities like the APMA 2019 Mobile App, delegate kit bags, pens & notepad, lanyard, gala dinners and is willing to discuss other innovative ideas. Email [conadmin@apma2019.com](mailto:conadmin@apma2019.com) for any assistance.**

*All the above prices + GSTax (18%) are Net Receivable. Payment can be made by cheque, demand draft or online wire transfer. For payment information please contact [conadmin@apma2019.com](mailto:conadmin@apma2019.com)*

## ACCOMMODATION & TRAVEL

There are many budget, economy & luxury hotels around the venue; visit [www.punehotels.org](http://www.punehotels.org) or [www.yatra.com](http://www.yatra.com)



## AIRPORT

Pune Lohegaon Airport (12.5 km from the venue) has direct flights to & from Dubai, Frankfurt as well as most Indian cities. Mumbai Sahar International Airport is 160 KM from the venue. Driving time is approx. 3 hours. Prepaid taxi fare from Mumbai airport to Pune city is approx. INR 4,000/- (USD 62/-, Euro 50/-).



## HOSPITALITY DESK (Available to all overseas registered delegates and invitees)

We will meet you at Mumbai airport and facilitate your travel to your destination in Pune & also your return to Mumbai airport after the conference. Contact [conadmin@apma2019.com](mailto:conadmin@apma2019.com) if you want this free service (transportation cost is not included).

## DELEGATE REGISTRATION (Visit [www.apma2019.com/registration](http://www.apma2019.com/registration) to register)

DELEGATE TYPE	AMOUNT PAYABLE PER DELEGATE (*)					
	BEFORE 15 JAN, 2019			AFTER 15 JAN, 2019		
	INR	USD	Euro	INR	USD	Euro
Delegate from industry	15,000/-	230/-	189/-	17,250/-	265/-	218/-
Delegate from academia	12,000/-	185/-	152/-	12,700/-	200/-	164/-
Student	3,500/-	55/-	45/-	4,025/-	65/-	53/-
Spouse	3,500/-	55/-	45/-	4,025/-	65/-	53/-

\* 18% GSTax will be charged

- The delegate fee includes: entry to technical sessions, lunch & tea, conference kit bag, conference guide, exhibition access and invitation to the conference gala dinners & other sponsored events.
- Extra lunch coupons for guests of delegates and exhibitors are available @ INR 1,700/- each at the registration desk.
- Speakers are required to register as delegates before 31 Dec, 2018.
- Certificates of participation will be issued on request only to those who attend the full conference.

### CONFERENCE ORGANISER:

POWDER METALLURGY ASSOCIATION OF INDIA  
B 1002 Kingston, High Street Hiranandani Complex,  
Powai, Mumbai 400076. INDIA

### HELPLINE: (10.00 to 20.00 Hours IST)

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