



PMAI
**Powder
Metallurgy
Association
of India**

1st

**ANNOUNCEMENT
& CALL FOR PAPERS**

PM 20

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

**&
46th ANNUAL TECHNICAL MEETING OF PMAI**

Wed 19th to Fri 21st, February 2020

Venue:

**Hotel The Lalit
Sahar Airport Road, Andheri (East),
Mumbai-400059, India**

**Details & online registration
at
www.pmai.in/pm20**

www.pmai.in

The **Powder Metallurgy Association of India** an association of Indian and overseas PM professionals from industry, research institutions and academia, is conducting its annual international conference for the year 2020 in Mumbai.

Mumbai has a population of over 20 million. The majority of large Indian industrial houses are based here, the Tatas, Birlas, Essar, Fiat, Mahindras, Godrej, Johnson & Johnson, Ambanis, Firodias, Jindals, Biyanis, Eicher, Ordnance Factories as well as scientific institutions like BARC, NPCL, IREL, TIFR and the Department of Atomic Energy.

Venue:



The Lalit Mumbai, Sahar Airport Road, Andheri (East) Mumbai, India

Conference Language: English



Technical Sessions

Powder metallurgy, the preferred net shaping method for manufacturing complex parts in steel, stainless steel, copper alloys, refractory metals, hard metals, heavy metals, ceramics and composites has been around for some time 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 during the plenary sessions.

The concurrent 46th Annual Technical Meet of PMAI provides a platform for researchers from industry & academia to present their work.

Topics

Materials & alloy development	Additive manufacturing
Powder production & characterisation	Testing & evaluation of PM parts
Compaction & other forming processes	Health, safety & environment
Compaction equipment	Materials for alternative energy generation
Sintering & sintering equipment	Laser sintering, cladding and coating
Hard metals	Medical applications
Diamond tools	PIM (MIM & CIM) technology
Refractory metals	PM factory automation
Ceramics & composites	Magnetic materials, SMC & hard magnets
Modeling of PM parts & processes	Materials for aerospace, defence & nuclear apps.

Call for papers

Extended abstracts (1000 words, max. 2 figures) of papers for oral presentation are to be submitted electronically (on-line only) at www.pmai.in/pm20 before the deadline. All accepted abstracts from authors who are registered delegates will be published in the conference guide and distributed to all attendees.

Deadlines

Submission of abstracts	03 Jan, 2020
Acceptance of abstracts	10 Jan, 2020
Submission of the complete paper*	24 Jan, 2020

*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.**

Awards For Students & Young Professionals

Several amazing awards are being offered during PM20 including generous grants.
Details at www.pmai.in/pm20

PMAI Best Product Awards

These awards are given for the best PM products (raw materials, equipment, processes & PM parts) developed in India which are in commercial production.

Deadline for submission of detailed product descriptions and photographs or figures is 10 Feb, 2020. PM parts must be on display to qualify for awards.

Exhibition (open to public)

A limited number of pre-fabricated (3m x 2m) stalls are available to PM parts manufacturers and suppliers of materials, services and equipment to the PM industry. Each stall is equipped with 3 spot lights, 1 power outlet 220 V AC single phase 6Amps, 1 table, 2 chairs & 1 dust bin. Each stall is priced at Rs.79,000/- (USD 1,840*), tax included.

Exhibitors will be listed in the conference guide and are entitled to one free delegate registration plus food coupons for one extra person per stall. For more information please email director@pmai.in

Sponsorship

Sponsorship : Rs.1,00,000/- (USD 2,800*)

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.

Distribution of leaflets (Max. A4) : Rs.20,000/- (USD 520*)

Leaflet will be placed in each delegate kit bag

Advertising in the Conference Guide (full colour)*

Back cover : Rs.50,000/- (USD 1,429*)

Back inner cover : Rs.25,000/- (USD 714*)

Front Inner Cover : Rs.25,000/- (USD 714*)

Full page : Rs.15,000/- (USD 429*)

PMAI offers other sponsorship opportunities like; Delegate kit bag, Notepad, Pen, Lanyard, Gala dinner and is willing to discuss other innovative ideas. Write to us at director@pmai.in

*Rupee payments are acceptable only from firms / companies incorporated in India.

Accommodation & Transportation:

Hotel "The Lalit Mumbai", Sahar Airport Road, Andheri (East), ([reservation link will be on www.pmai.in](http://www.pmai.in)) is the conference venue. It is close to International Airport. Delegates should make their own reservations.

Indicative prices per night, taxes extra		
Room Type	Single Occupancy INR	Double Occupancy INR
Deluxe Room	7,000/- + Taxes	7,499/- + Taxes
Club Room	9,000/- + Taxes	9,500/- + Taxes
Executive Suite	11,000/- + Taxes	12,000/- + Taxes

Prices include Buffet Breakfast, Wi-Fi, Fitness Centre & Swimming Pool, DVD library.

AIRPORT:

Mumbai has two Airports (both about 10 minutes drive from the venue) – the Chhatrapathi Shivaji International Airport and the Santa Cruz Domestic Airport which have connections to all international airports around the world as well as to all Indian cities.

Pre-paid taxis are available at these airports (the fare to the venue is approximately Rs. 200/= (~USD 3/-) one way).

Weather:

February in Mumbai is pleasant with temperature ranging from a low of 17°C to a high of 30°C. It does not generally rain at this time.

DELEGATE REGISTRATION FORM

Registration & Payment options:

- Register online & pay with debit/credit card at www.pmai.in/pm20 or
- Send the form shown below with your cheque / DD or proof of wire transfer to the PMAI Office (address bottom left)

Title (Mr. Ms. Dr. Prof. etc)*				
Given name *		Family name *		
Company/ Institution *				
Designation				
Work address				
City/ Town *		Pin code *		Country *
Telephone (add country code)		Mobile (Only for SMS's related to this event)		
Email (work) *		Email (home)		

* Mandatory

DELEGATE TYPE	AMOUNT PAYABLE PER DELEGATE (**)			
	BEFORE 20 NOV, 2019		AFTER 21 NOV, 2019	
	Rs (#)	USD	Rs (#)	USD
CORPORATE / INSTITUTIONAL / PATRON MEMBER	10,500	250	11,500	270
LIFE MEMBER FROM INDUSTRY				
LIFE MEMBER FROM ACADEMIA	8,000	180	9,000	200
STUDENT	5,200	75	6,200	95

(**) Rupee (Rs.) INR payment only for individuals resident in India, others have to pay in USD

(#) 18% GST is included. Invoices will show tax separately.

The delegate fee includes: Entry to Technical Sessions, Lunch & Tea, Conference kit bag, Conference guide, Exhibition access (also open to the public) and invitation to the Conference Gala Dinners & other sponsored events.

Extra lunch coupons for guests of delegates and exhibitors are available @ Rs.2000/- each at the registration desk.

Speakers are required to register as delegates. Certificates of participation will be issued on request only for those who attend the conference.

Payment Options: Payment is to be made out to “Powder Metallurgy Association of India”

By Cheque or Demand Drafts	Inland wire transfer (NEFT/RTGS)	Overseas wire transfers in USD
Send it along with a covering note to: Treasurer Powder Metallurgy Association of India 102, Anandi, 1st Floor, M.B. Raut Road, Shivaji Park, Dadar, Mumbai - 400028, India	Bank : Canara Bank Branch : IIT Powai branch Account No.: 2724101092229 IFSC Code : CNRB0002724	Remit to Canara Bank Account No: 2724101092229 favoring Powder Metallurgy Association Of India, Canara Bank, IIT Powai, Mumbai, India. SWIFT CODE: CNRBINBBBIT

Conference Organisation

Convener, PM20	Co-Convener PM20	President, PMAI
Prof. T.R. Ramamohan (convener@pmai.in)	Bijoy Sarma (convener@pmai.in)	Aniket Gore (president@pmai.in)
General Secretary, PMAI	Treasurer, PMAI	Director, PMAI
Deep Prakash (gensec@pmai.in)	Murli Gopal K. (treasurer@pmai.in)	Samant K. S. (director@pmai.in)

HELPLINE: (10.00 to 20.00 Hours - Indian Standard Time)
+ 91 98209 51180
Email: director@pmai.in