

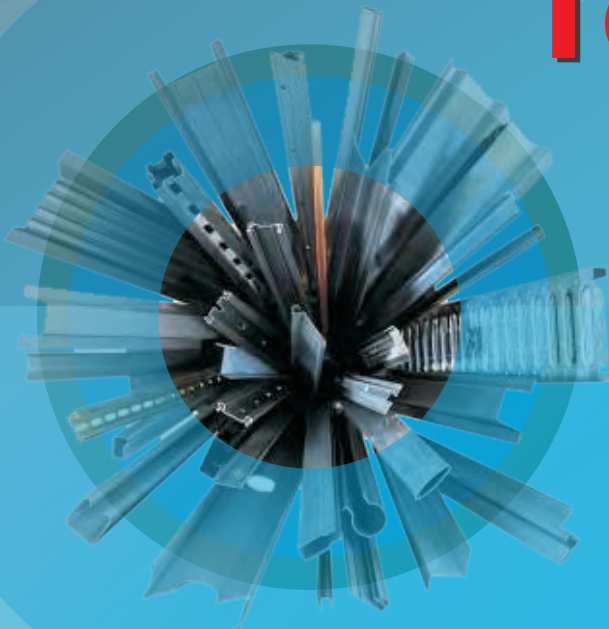


Indian Machine Tool Manufacturers' Association

International Seminar
on
**Forming
Technology**

20 January, 2010

Hotel Lalit Ashok, Bangalore



- **Metal Form**
- **Poly Form**
- **Future Form**

**Growth & Leadership
in Manufacturing**

Visit

IMTEX[®] FORMING
2010

International Forming Technology Exhibition

21 - 26 January 2010, Bangalore

Bangalore International Exhibition Centre



International Seminar
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**Forming
Technology**

20 January 2010, Hotel Lalit Ashok, Bangalore

Background

India is fast emerging as a global hub for manufacturing. This means that the manufacturing industry must gear up to meet the demands of producing high-quality, technologically advanced and cost-competitive products. We cannot be content with being low-cost suppliers but must be leaders in technology and quality as well. For this, we have to question traditional manufacturing concepts and practices. Are we using the best processes, latest materials, methods to produce today's complex parts that will make us competitive leaders in manufacturing?

Indian industries' requirements are also changing. With more high tech industries in automotive, consumer durable and strategic sectors, the latest manufacturing technologies are finding application. New materials call for the latest processes to give shape to components in metal, plastics, composites, ceramics etc.

Coinciding with IMTEX FORMING 2010 exhibition, IMTMA is organising a one day International Seminar on Forming Technology focusing on metal forming, poly forming and future forming.

Topics

The International Seminar on Forming Technology has been specifically designed to address the latest trends, developments and research in forming technology and showcase new materials, new technologies and processes.

Metals : The seminar will present the latest development in forming metals, including green manufacturing. Hydro forming, forging and servo driven presses are important technologies covered.

Polymers : As the application of engineering plastics expands rapidly, one stream is devoted to the developments in polymer technology and processing of plastic components. An important subject covered is energy saving in plastic moulding machines.

Future : Demand from advanced, especially strategic sectors for working new materials and component requirements has led to the development of futuristic forming technologies. These are presented in the stream on Future form.

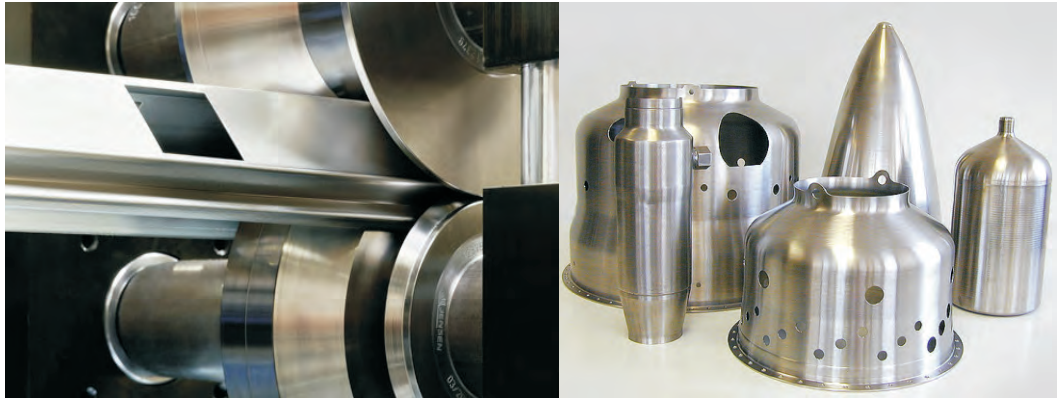
The international Seminar will bring together the forming technology fraternity on a common platform to discuss related issues. It also hosts a B2B meet for technology and commercial exchange between companies, users and providers of forming technology.

Speakers

Speakers are drawn from leading international companies like AMADA, SCHULER, Indo - US MIM etc, international research institutes like Fraunhofer (Germany) and Indian research institutes like NAL & BARC. They will present the latest developments in metal forming technology. Speakers from renowned companies like BAYER, BASF, DuPont will share their vast experience and knowledge in developments on polymers and plastics processing. Exciting new technologies such as magnetic pulse forming, shape memory alloys, composites etc will be presented by speakers working in the development of these technologies. These are the technologies of the future – and delegates will get an opportunity to talk to the developers to open up application possibilities.

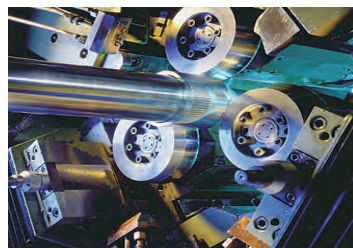
Technology Exchange

The B2B will provide opportunity for users and providers of technology, machinery and processes to meet in an informal setting. They can discuss applications, commercial issues, joint ventures, technology transfers, collaborations etc.



Who Should Attend ?

- Users and manufacturers of forming technology equipment from the automotive, white goods, consumer durables, strategic and other industries.
- CEO's, top management, designers, engineering and production personnel, R&D specialists and academia associated with the forming industry.



Seminar Schedule

International Seminar on Forming Technology			
20 January 2010, Hotel Lalit Ashok, Bangalore			
0800 - 0930	REGISTRATION		
0930 - 1000	INAUGURATION		
1000 - 1030	TEA / COFFEE		
	Concurrent Sessions		
	Metal Form	Poly Form	Future Form
	Latest developments in metal forming technologies	Performance Plastics for engineering applications	Development in new forming technologies
1030 - 1115	Green Manufacturing Technologies & Trends Mr. P. Thanapandi AMADA	Performance Plastics for Engineering Application Dupont Inc.	Metal Injection Moulding Indo - US MIM
1115 - 1200	Forging Technology for Today and Tomorrow Mr. Jurgen Boden Schuler	Development & Innovation with Polycarbonates & related materials BAYER Material Science	Use of Composites in engineering components Dr. Ramesh Sundaram NAL
1200 - 1245	Hydroforming at Elevated Temperatures Mr. Frank Schieck, Markus Werner (Fraunhofer, IWU)	Metal to Plastic replacement BASF India Ltd.	Advance Composites forming technologies for light weight automotive construction Mr. Raman Chaudhari Fraunhofer ICT
1245 - 1345	LUNCH		
1345 - 1430	Servo Mechanical Presses Mr. Ashley Rasquinha Electropneumatics & Hydraulics (I) Pvt. Ltd.	High Performance Polymer Solvay Specialites India Pvt. Ltd.	Smart Materials and Shape Memory Alloys Mr G N Dayananda NAL
1430 - 1515	Friction stir welding Dr. K Ashok Kumar, Welding Research Institute	Energy Saving in Plastic Injection Moulding Machines. L & T Plastics Machinery	Forming Engineering Ceramics Dr N. Thiagarajan ARCI
1515 - 1600	Open die forging equipment and technology Zdas, Czech Republic		Electromagnetic Forming Dr. S.V. Desai BARC
1600 - 1630	Concluding Session followed by Tea/Coffee		
1630 - 1730	Technology Exchange : B2B Meet		

Registration

Participation charges will be Rs.1500/- per participant (10.3% service tax extra). Charges for the second and subsequent delegates from the same company will be Rs. 1000/- (10.3% service tax extra) per participant. The Demand Draft/at par cheque should be payable in favour of 'Indian Machine Tool Manufacturers' Association' at Bangalore

About IMTMA

Indian Machine Tool Manufacturers' Association (IMTMA) is a national association of Machine tool and allied equipment manufacturers. The apex body of machine tool industry in the country, IMTMA has a membership of about 425 companies from both, the public and private sectors, manufacturing a wide range of metal cutting and metal forming machines, cutting tools, accessories and other ancillary equipment.

IMTMA promotes and supports the industry through a host of activities directed towards market development, technology upgradation, training and linkage with overseas manufacturers and so on. IMTMA has over the years transformed itself to focus on issues of productivity, quality, technology, new product development, design, customer satisfaction, etc. for enhancing competitiveness of the industry in both domestic and overseas markets.

IMTMA plays a key role in the growth and development of machine tool industry and is a single point of reference.

For more details contact :

Siju Nair

Indian Machine Tool Manufacturers' Association

at Bangalore International Exhibition Centre

10th Mile, Tumkur Road, Madavara Post, Bangalore - 562 123. India.

Phone : 080-66246628 / 66246600 Fax : 080-6624 6658

E-mail : siju@imtma.in

A S Pundle

Indian Machine Tool Manufacturers' Association

Plot No. 249 F, Phase IV, Udyog Vihar

Sector - 18, Gurgaon - 122 015

Tel : +91 - 124 - 4014101 to 4104

E-mail : pundle@imtma.in

Prasad Pendse

Indian Machine Tool Manufacturers' Association

503, South Block, "Sacred Block"

S. No. 75/2/2, Opp. Sacred Heart Town

Wanorie, Pune - 411 040

Tel : +91-20-40091501 E-mail : prasad@imtma.in