

MIM2010

International Conference on Injection Molding
of Metal, Ceramics and Carbides

MARCH 29–31 • LONG BEACH

Conference Co-Chairmen:

Animesh Bose
Materials Processing, Inc.
USA

Fred Robinson
Kinetics Climax, Inc.
Division of Freepart-McMoRan Company
USA

Innovation in different segments of powder injection molding (PIM) is responsible for the rapid growth of this field. The PIM industry (MIM—metal injection molding; CIM—ceramic injection molding; and CCIM—cemented carbide injection molding) has estimated sales of over \$1 billion and could possibly double in a span of five years.

The objective of the conference is to explore innovations and latest accomplishments in the areas of part design, tooling, molding, debinding, and sintering of PIM parts. The conference will also focus on the developments in PIM processing of different materials including metals and alloys, ceramics, and hardmaterials.

This specialized conference is sponsored by the Metal Injection Molding Association, a trade association of the Metal Powder Industries Federation, and its affiliate APMI International. The conference is targeted at product designers, engineers, consumers, manufacturers, researchers, educators, and students. All individuals with an interest in the application of powder injection molding will be encouraged to attend.

CALL FOR PRESENTATIONS

A “Call for Presentations” is being issued to solicit contributions for the technical program. The focus of the technical program is “**Innovative Manufacturing & Intricate Parts: Think PIM**”. All submissions will be considered. All conference PowerPoint presentations will be distributed to conference registrants.

The following topics will be considered:

Processing

Computer aided engineering
Consolidation technologies
Debinding technology & equip.
Micromolding
Microstructural control
Mixing science & machines
Molding machines & technology
Novel processing
Part design considerations
PIM tooling
Powders/Binders/Feedstocks
Secondary operations
Setter technology
Sintering furnaces

Materials

Alumina/AlN/Alumina-Silica
Cermets
Cobalt and Co-base alloys
Copper and Cu-base alloys
Ferrites
Ferrous systems
Magnetic materials
Nanoscale materials
Nickel and Nickel based alloys
Novel materials & alloy systems
Porcelains
Precious metals
Silicon carbides/Silicon nitrides
Stainless steels
Titanium and Ti-based alloys
Tool steels
Tungsten carbide & alloys
Zirconia

Applications

Aerospace
Automotive
Business machines
Chemical processing equipment
Computer hardware
Consumer products/ Appliance
Cutting tools
Electronic packaging
Heat exchangers
High temperature components
Industrial applications
Jewelry and watches
Magnetics
Medical and surgical instruments
Novel applications
Oil and Gas
Sporting equipment
Thermal Management

ABSTRACT SUBMISSION:

Abstracts may be submitted to Jim Adams at jadams@mpif.org. Please indicate MIM2010 in the e-mail subject line when submitting. The organizers reserve the right to accept or decline the submitted abstract.

The following information will be required during the submission process:

1. Abstracts must be 100–150 words (maximum), all text (no figures, graphs or, tables). ***Please use generic terminology rather than chemical symbol designations, and all units or measurements must be expressed in SI units and the English equivalent (e.g., inch-pound) provided in parenthesis.***
2. Complete title of the abstract.
3. Name and full contact information for the speaker and all co-authors.

DEADLINE FOR SUBMISSION OF ABSTRACTS: DEADLINE EXTENDED TO AUGUST 21!

Deadline for submission of abstracts: ~~July 31, 2009~~. Receipt of submission will be acknowledged. Authors will be notified of acceptance or rejection by August 31, 2009.

Abstracts accepted for presentation require a PowerPoint submission prior to the conference in the prescribed format. Authors agree to abide by all rules and regulations regarding submission and PowerPoint presentation. Titles and abstracts selected for presentation are subject to editorial revision by the co-chairmen. Accepted abstracts will be published on the MPIF Web site and in the Conference Guide.

CONFERENCE PRESENTATION:

Presentation at the conference must be made by one speaker per presentation. All PowerPoint presentations will be made available to conference registrants. **Commercialism in abstracts and technical presentations is discouraged.** Authors will be provided 30 minutes total time for formal oral presentation and questions-and-answers. All presentations must be given in English.

PARTICIPATION:

Persons submitting abstracts for presentation do so with the full understanding that **all costs associated with conference participation, including travel, hotel and non-programmed meal expenses are the responsibility of the individual participant/speaker and not the organizer.** Reduced speaker registration rates will be available to all participating speakers. Special letters of invitation which can be used in applying for entrance visas will be provided upon written request to MPIF.

Comments or questions regarding abstract submission or conference should be directed to:

MIM2010

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