Yokohama, one of the oldest international ports in Japan, is located in the center of Japan near Tokyo. Since the opening of its port in 1859, Yokohama has been one of Japan’s principal portals to the outside world; the route through which Western goods and many of the first foreigners to come to Japan entered. To this day, Yokohama retains the charm of traditional Japan, combined with an international flair, creating a city unique to the world. So, you can enjoy historical areas such as an old brick warehouse, sophisticated shopping mall, harbor walk, and the finest Japanese and international cuisine within just walking distance. Beautiful Mt. Fuji, historical Kamakura city (capital city in Japan during late 12th and early 13th century, ”Samurai” and “Zen” culture began here in Kamakura) are in a one-day trip from Yokohama.

Sponsorship
Various Sponsorship opportunities are available for PM2012. The details will be up on the official website in the summer of 2011.
Call for Papers

Outline
Participants wishing to make a presentation in the technical program are cordially invited to submit an abstract in English no later than 15 November 2011. All submitted papers will be reviewed and allocated to Oral or Poster Sessions by the Technical Committee, based on authors’ choice. The acceptance notification will be e-mailed to the author by the end of February 2012.

Abstract Submission
Deadline for Abstract Submission: 20 November, 2011

Submission
Form: Only via online. Neither fax nor e-mail submissions will be accepted.

1. Technical Sessions (oral and poster presentations) and special sessions are being scheduled, and
2. The on-line system can only accept MS Word format (doc. or docx.)
3. Abstracts must be written in English and required to have the following structure;
   a. Title starting from the top.
   b. List of authors: first name, middle initial, and last name. The presenting author’s name should be underlined.
   c. Affiliation: department/institution, country of all authors.
   d. Abstract (100-150 words in length / No figures, graphs or tables)
4. Submit an abstract in Microsoft Word (Windows format).
   When you make an abstract, be sure to download through the website and use the abstract template.

To submit an abstract:
1. Visit www.pm2012.jp and click on “Call for Papers” to see the on-line abstract submission form.
2. Fill in the on-line form required on the abstract submission form including the corresponding author’s information. The corresponding author will receive all correspondence concerning the submission and is responsible for informing the other authors of the status of the submission.
3. Choose up to two topics which best express the contents of the abstract.
4. Select the presentation type: oral, poster, or neither. However the Technical Committee reserves the right to reallocate presentation as they deem appropriate.
5. Upload the abstract file in MS Word format at the last section of the form.
6. Confirmation of receipt of abstract will be e-mailed to the corresponding author. The authors can be invited or withdrawn from abstracts via on-line by themselves.

Abstracts accepted for presentation will be printed and distributed to all participants during the Congress.

Notification of Acceptance:
Notification of acceptance will be e-mailed by the end of February 2012. Abstracts accepted for presentation will be printed and distributed to all participants during the Congress.

Congress Proceedings
All papers of Oral or Poster Sessions will be published in the Congress Proceedings. Guidelines for the preparation of manuscripts will be notified to authors with their acceptance letters by the end of February, 2012.

Topics of Technical Sessions (Oral or Poster)
1. Powder Manufacturing & Processing
2. Powder Forming
3. Sintering
4. Full Density & Alternative Consolidation
5. Powder Injection Molding
6. Miniaturization & Nanotechnology in PM
7. Secondary & Finishing Operations
8. Tools for Improving PM

Topics of Special Sessions (Oral only)
1. Thermomechanical Materials and Devices for Green Energy Harvesting
2. Nano-Structured and/or Nano-Reinforced Metal/Ceramic Composite
4. T1. Irons & Steels
   T2. Nonferrous & Special Materials
   T3. Lightweight & Porous Materials
   T4. Biomaterials
   T5. Hard Materials
   T6. Magnetic & Electric Materials
   T7. Functional Materials
   T8. Powder Metallurgy for Current & Future Applications

For any inquiries, please contact:
Secretariat of PM2012
c/o ICS Convention Design, Inc.
Chiyoda Bldg., 1-5-18 Sarugakucho, Chiyoda-ku, Tokyo 101-8499, Japan
Tel: +81-3-3219-3541 Fax: +81-3-3219-3577 Email: pm2012@ics-inc.co.jp
Further Exhibition information can be found on www.pm2012.jp

Exhibition will be held during the congress to provide all visitors with the latest technology and knowledge in powder metallurgy worldwide. Displays will include material powders, manufacturing equipment, testing and measuring devices.

**Congress Schedule**
- October 14 (Sun.) Registration
- October 15 (Mon.) Registration Opening Ceremony Global Review Technical Sessions Exhibition Welcome Reception
- October 16 (Tue.) Registration Technical Sessions Exhibition Gala Dinner

**Technical Programs**
Technical sessions (oral and poster presentations) and special sessions are being scheduled, and more than 500 papers will be expected.

**Exhibition**
Exhibition will be held during the congress to provide all visitors with the latest technology and knowledge in powder metallurgy worldwide. Displays will include material powders, manufacturing equipment, testing and measuring devices, powder metallurgy products, tooling materials, and related publications.

**Social Programs**
Opening ceremony, welcome reception, gala dinner, as well as workshops and optional tours that are interesting for anyone on being scheduled.

**Topics of Special Sessions (Oral only)**
11. Thermomechanical Materials and Devices for Green Energy Harvesting
12. Nano-Structured and/or Nano-Reinforced Metal/Ceramic Composite
53. Synthesis and Processing of Materials by Spark Plasma Sintering

**Topics of Technical Sessions (Oral or Poster)**
T1. Powder Manufacturing & Processing
T2. Powder Processing
T3. Sintering
T4. Full Density & Alternative Consolidation
T5. Powder Injection Molding
T6. Miniaturization & Nanotechnology In PM
T7. Secondary & Finishing Operations
T8. Tools for Improving PM

A complete listing can be found on www.pm2012.jp

**Registration**
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**Congress Proceedings**
All papers of Oral / Poster Sessions will be published in the Congress Proceedings. Guidelines for the preparation of manuscripts will be notified to authors with their acceptance letters by the end of February, 2012. The deadline for the manuscript will be the end of August, 2012.

The proceedings will be published after the Congress. Only papers presented at the congress will be published in the proceedings.

All invited and contributed papers will be peer-reviewed by the Technical Committee.

**Call for Papers**

**Outline**
Participants wishing to make a presentation in the technical program are cordially invited to submit an abstract in English no later than 10 November, 2011.

All submitted papers will be peer-reviewed and allocated to Oral or Poster Sessions by the Technical Committee, based on authors’ choices.

The acceptance notification will be e-mailed to the authors by the end of February, 2012.

**Oral Sessions**
30 minutes will be allocated to each paper (including discussion time). (There is a possibility to change the presentation time due to the limits of the time schedule.) All presentations must be given in English and are limited to one speaker per presentation.

**Poster Sessions**
Poster presentations will be on display throughout the congress period. Authors will be provided specific time for one-on-one discussions.

**Abstract Submission**

**Deadline for Abstract Submission: 20 November, 2011**

**Submission:**
- Only via e-mail. Neither for e-mail submission will be accepted.
- Form: Prepare an abstract in Microsoft Word for Windows format.
- When you make an abstract, be sure to download through the website and use the abstract template.

To submit an abstract:
1. Log on to the website and log in to your account. (if you are a new user, please register first)
2. The abstract should be written in English and must have the following structure:
   - Title starting from the top.
   - List of authors (first name, middle initial, and last name). The presenting author’s name should be underlined.
   - Affiliations, department/institution, country of all authors. Super-scripted contact name should be used to identify which author is affiliated with which institution.
   - Abstract (100 - 150 words in length / No figures, graphs or tables)
   - An abstract must not emphasize product names after the first mention of a trade named product.
   - Abstract must not emphasize product names after the first mention of a trade named product.
   - Access to all of the papers will be available on CDs during the congress.

- Title of author(s)
- Abstract (100-150 words in length)
- No figures, graphs or tables
- Abstract must not emphasize product names after the first mention of a trade named product.

5. Choose one to two topics which best express the contents of the abstract.
6. Select the presentation type; oral, poster or either. However the Technical Committee reserves the right to reassign the authors of the status of the submission.
7. Upload the abstract file in MS Word format at the last section of the form.
8. Confirmation of receipt of abstract will be e-mailed to the corresponding author. The authors can be revised or withdrawn their abstracts via on line by themselves.
**Call for Papers**

**Outline**

Participants wishing to make a presentation in the technical program are cordially invited to submit an abstract in English no later than 14 October 2011.

All submitted papers will be reviewed and allocated to Oral or Poster Sessions by the Technical Committee, based on authors’ choice. The acceptance notification will be e-mailed to the authors by the end of February 2012.

**Abstract Submission**

**Deadline for Abstract Submission:** 20 November, 2011

**Submission:**
- Only via on-line.
- Not for e-mail submissions.

**Format:**
- Prepare an abstract in Microsoft Word for Windows format.
- Number pages and line spaces.
- Use single line spacing.
- Use no blank pages.
- Do not use any proprietary software.

**To submit an abstract:**
1. Log on to the website and use the abstract templates.
2. The abstract should be written in English and required to have the following structure:
   - Title starting from the top.
   - The abstract should include all fields of the abstract.
3. All invited and contributed papers will be peer reviewed by the Technical Committee.

**Notification of Acceptance:**
- Acceptance and rejection notices will be e-mailed to authors by the end of February 2012.
- The acceptance notification will be e-mailed to the authors by the end of February 2012.
- The proceedings will be published after the Congress. Only papers presented at the congress will be published in the proceedings.

**Participation**

The inclusion of a paper in the final program and the Congress proceedings will also be dependent upon:
- the submission of the manuscript by the deadline.
- the registration to the Congress of the presenting author by the Authors’ deadline.

All costs related with congress participation, including travel, hotel, and meal expenses, are the responsibility of the individual presenting speaker and not of the congress organizers. Reduced speaker registration rate will be available for participating speakers (not co-authors).

For any inquiries, please contact:

**Secretariat of PM2012**

c/o ICS Convention Design, Inc.

Chiyoda Bldg., 1-5-17 Senjakucho, Chiyoda-ku, Tokyo 101-0049, Japan

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**Topics of Technical Sessions (Oral or Poster)**

- **T1. Powder Manufacturing & Processing**
- **T2. Powder Pressing**
- **T3. Sintering**
- **T4. Full Density & Alternative Consolidation**
- **T5. Powder Injection Moulding**
- **T6. Miniaturization & Nanotechnology In PM**
- **T7. Secondary & Finishing Operations**
- **T8. Tools for Improving PM**
- **T9. Irons & Steels**
- **T10. Nonferrous & Special Materials**
- **T11. Lightweight & Porous Materials**
- **T12. Biomaterials**
- **T13. Hard Materials**
- **T14. Magnetic & Electric Materials**
- **T15. Functional Materials**
- **T16. Powder Metallurgy for Current & Future Applications**

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**Social Programs**

Opening ceremony, welcome reception, gala dinner, as well as workshops and optional tours that are interesting to persons on being scheduled.

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**Technical Programs**

**Paper presentations**

Technical sessions (oral and poster presentations) and special sessions are being scheduled, and more than 500 papers will be expected.

Language

- All fields of powder metallurgy, ranging from basic science to applied technology, will be covered.

**Exhibition**

Exhibition will be held during the congress to provide all visitors with the latest technology and knowledge in powder metallurgy worldwide. Displays will include material powders, manufacturing equipment, testing and measuring devices, powder metallurgy products, tooling materials, and related publications.

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**Congress Schedule**

- **October 14 (Sun.)**
  - Registration
  - Opening Ceremony
  - Welcome Reception

- **October 15 (Mon.)**
  - Registration
  - Technical Sessions Exhibition
  - Gala Dinner

- **October 16 (Tue.)**
  - Registration
  - Technical Sessions Exhibition

- **October 17 (Wed.)**
  - Registration
  - Technical Sessions Exhibition
  - Exhibition
  - Welcome Reception

- **October 18 (Thu.)**
  - Registration
  - Technical Sessions Exhibition

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**Topics of Special Sessions (Oral only)**

- **S1. Thermoelectric Materials and Devices for Green Energy Harvesting**
- **S2. Nano-Structured and/or Nano-Reinforced Metal/Ceramic Composite**
- **S3. Synthesis and Processing of Materials by Spark Plasma Sintering**

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For any further information, please visit us at

and

summer of 2011.

Various Sponsorship opportunities are available for PM2012. The details will be up on the official website in the selection of hotels around the congress venue to the delegates.

Sponsorship

Organized by

Japan Powder Metallurgy Association (JPMMA)
Japan Society of Powder and Powder Metallurgy (JSPM)

Supported by

Asian Powder Metallurgy Association (APMA)
European Powder Metallurgy Association (EPMA)
World Powder Industry Federation (WPIF)

Cooperated with

Worldwide

B: International Congress & Exhibition Association (ICAE) (Burlington, VT) (USA)

Japanese Association of Metal Powder Makers and Their Products (JAMP) (Japan)

Regional

Pacific Asia

PM2012 YOKOHAMA

Venue

Pacific Yokohama

Location

Yokohama, one of the oldest international ports in Japan, is located in the center of Japan near Tokyo. Since the opening of its port in 1859, Yokohama has been one of Japan’s principal ports to the outside world; the route through which Western goods and many of the first foreigner to come to Japan entered. To this day, Yokohama retains the charm of traditional Japan, combined with an international flair, creating a city unique to the world.

So, you can enjoy historical areas such as an old brick warehouse, sophisticated shopping mall, harbor walk, and the finest Japanese and international cuisine within just walking distance.

Beautiful Mt. Fuji, historical Kamakura city (was capital city in Japan during late 12th and early 13th century, “Samurai” and “Zen” culture began here in Kamakura) are in a one-day trip from Yokohama.

Congress Registration / Accommodations

Registration information will be announced in the Final Announcement, to be issued in the spring of 2012. This also includes the details on accommodations, tours and accompanying person’s programs. PM2012 will offer a wide selection of hotels around the congress venue to the delegates.

Secretariat of PM2012

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