



WORLDPM2018

Sept. 16 - 20, 2018 • Beijing China

CALL FOR PAPERS AND POSTERS

Deadline for abstract submission: December 15, 2017

Notification on acceptance of abstracts: January 15, 2018

Deadline for full paper submission: April 15, 2018

Organizer

The Chinese Society for Metals (CSM)

China Powder Metallurgy Alliance (CPMA)

www.worldpmp2018.com



The Powder Metallurgy World Congress will be held next September in China for the first time, co-organized by the Chinese Society for Metals (CSM) and China Powder Metallurgy Alliance (CPMA), and supported by Asian Powder Metallurgy Association (APMA), European Powder Metallurgy Association (EPMA) and Metal Powder Industries Federation (MPIF).

It is a valuable opportunity for the worldwide PM community to meet its suppliers, producers and end-users, and to interchange, discuss and discover the latest innovations, challenges and trends of PM industry. All the attendees will be provided with a splendid platform that they can communicate with the customers from China, the largest manufacturing base in the world.

The Organizing Committee of the Congress is now calling for papers and posters in global PM industry. You are encouraged to submit abstracts in the general technical sessions and poster program. All abstracts are subject to review by the Technical Program Committee and must be received by the deadline for consideration. The same criteria established to judge suitability of abstracts submitted for the general technical sessions will be applied to the abstracts submitted for poster program. Please be noted that the submitted abstracts for the poster program will not be considered for presentation in the general technical sessions and vice versa.

Authors of accepted posters are encouraged to submit a manuscript. All poster program participants will be eligible for Poster Awards by the Technical Program Committee.

To submit an abstract visit www.worldpm2018.com .



General Technical Sessions

1. Metal Powder Preparation and Processes
2. Compaction & Forming Processes
3. Sintering & Post Processing
4. Powder Injection Molding
5. Refractory Metals, Hard Alloys, Superhard Materials & Ceramics
6. Non-Ferrous Metals & Rare Earth Metals
7. Super Alloys & Composites
8. Porous Materials
9. Surface Technology
10. Magnetic Materials & Functional Materials
11. Additive Manufacturing (3D Printing)
12. Energy Materials (Lithium Battery, FC Battery, Super Capacitor, Hydrogen Storage)
13. Biomedical Materials & Other powders
14. PM Components & Processes
15. Analysis, Testing, Numerical Simulation, Data and Data Mining

SPECIAL INTEREST SESSIONS

Besides of the regular technical sessions and posters, some special interest sessions (SIS) are planned. Only invited presentations are intended for these programs. The planned Special Interest Sessions topics are:

- Automobile industry and PM
- Energy industry and PM
- Additive Manufacturing
- PM standards



TO PRESENT A PAPER & POSTER

Commercialism in abstracts, technical presentations, visuals, manuscripts, or posters will not be permitted.

Technical Sessions-authors will be provided 25 minutes total time for formal, oral presentation and questions-and-answers. All presentations must be given in English and are limited to one speaker per presentation. All technical session presentations require manuscript submission prior to presentation, by the deadline date.

Poster Program-accepted posters will be on display throughout the congress. In addition, authors will be provided specific time for one-on-one discussion. Posters have optional manuscript submission.

TO SUBMIT AN ABSTRACT

Abstracts can be submitted online ONLY using the online submission form. To submit an abstract visit www.worldpm2018.com. No e-mail or fax submissions will be considered.

Abstract/paper must be not published previously. Oral presentation must be made by one of the co-authors (where applicable)-one speaker per presentation.

Abstracts accepted for presentation require a full paper prior to the congress in the format described in the sample on www.worldpm2018.com.

Authors are subject to all rules and regulations concerning manuscript submission, review and paper presentation.

OTHER CONGRESS ACTIVITIES

- A trade exhibition will feature international suppliers of metal powders, components, equipment and related services.



- Chinese cultural events, luncheons, receptions and meal functions will be prepared.
- Forums on Made in China 2025 plan, PM industry of China and the expected contribution to world PM industry.
- Plant tours – several representative relevant factories and companies.

PROCEEDINGS PUBLICATION

All papers presented in the general technical sessions (mandatory full paper submission), special interest sessions, and poster program meeting the publication requirements, will be included in the congress proceedings on USB, which will be contained in the registration package for delegates registered as regular CPMA Members, Session Chairman & Speakers and Students.

For Spouses, One day registration and exhibitors, the proceedings on USB can be purchased from the registration and information desk at the price of 2000 CNY.

THE CONGRESS ORGANIZERS

China Powder Metallurgy Alliance (CPMA) is an organization and a secretariat to develop the management system, built a website, carry out technological innovation activities for powder metallurgy (PM) industry. Its influence in PM and related industries has been increasing both domestically and internationally. China Powder Metallurgy Alliance (CPMA) is initiated and formed by 33 organizations and companies, including China Iron & Steel Research Institute Group, Central South University, Anshan Steel, Wuhan Iron and Steel, Laiwu Steel, Beijing Nonferrous Metal Research Institute, Guangzhou Nonferrous Metal Research Institute, TONGMUO New Materials Group Co., Ltd., Shanghai Automotive Powder Metallurgy Co., Ltd. and Wuhu Chery Technology Co., Ltd, etc. It connects with domestic universities, research institutes and producers in PM new materials, machinery and automotive applications.

The congress is organized in cooperation with The Chinese Society for Metals (CSM). CSM is an academic organization concerned with the advancement of science and technology in metallurgical industry and material science and engineering. CSM has more than 92 thousand individual members and 123 group members in China.





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