

**2014**

**International Forum on Powder Technology & Application  
Information Show on Powder Technology and New Materials**

(Xiamen, 24 to 26, Oct., 2014)

Main Topics

For Better Quality and Lower Cost in Processing Industry

Place: Xiamen University, Fujian, China

Language: English and Chinese

**Co-events:**

The 10th International Conference

On Measurement and Control of Granular Materials (MCGM 2014)

---

**Organizer**

International Federation of Measurement and Control of Granular Materials (IFMCGM)

Industrial Application Committee

Building Materials Federation of China, Powder Technology Association

Research Institute of Powder Technology, Tsinghua University

**Background**

Following the international competition and industrial structure adjustment of China, the powder processing technology is highly evaluated, to improve the quality and reduce the cost of the industries and speed up the steps of China in high technology area. Even the decline of GDP in China, the demands of good quality powdery raw material, powder processing equipments with high precision have reached a prosperous period.

As the cost and quality of powdery raw materials make a directly effect on the benefits and market competition of the related products, powder technology became more and more important to these new situation: to reduce energy, manpower and resources consumption, control of the PM2.5 in the atmosphere, increase the safety of food, improve the quality of exported products, development of domestic market, and so on.

On the other hand, powder technology and equipment play an important role in the comprehensive recycling of solid waste, such as large volume pulverization, sieving, separation, mixing, drying, transportation, storage and packaging.

**Co-events**

To strength the international information exchange on powder technology, we will jointly host two events. One is “The 10th International Conference on Measurement and Control of Granular Materials (MCGM 2014)”, to concentrate on quality control and automation of powder processing. The other is “2014’Information Show on Powder Technology and New

Materials”, to give more chance for the Chinese companies to get the advanced information both in printed or electronic form on new equipment for the processing factories, high quality powdery raw materials for the high tech industries.

### **About the former meeting and Xiamen**

According to the statistics of the former events, there will be more than 50 and 300 people who come from abroad and from different provinces of China to attend this forum.

Xiamen (Amoy) is a beautiful city in the world (<http://english.xm.gov.cn/>), and much more Industry Development Zone in the near area. After the forum, some technical trip will be arranged to meet the special requirements of the attendees.

### **Tour to visit other place**

If you want to visit other place in China, we can help you, or you can visit its website: [http://vip.citsbj.com/Channel/Channel\\_9/index.htm](http://vip.citsbj.com/Channel/Channel_9/index.htm).

---

---

### **Invited Topics**

The following topics are summarized from the requirements of our industry survey. The introduction of new equipment and applied technology are much more appreciated by the attendees from Chinese industries.

We will put the technology information on our website ([www.chinapowder.cn](http://www.chinapowder.cn)), to arrange the connection to Chinese user for you during the meeting, if you send us the paper earlier.

#### **A. Powder Processing for New Materials**

- A1) Nano-powder application for new composite materials development
- A2) Processing Technology for better quality for inorganic chemicals, minerals, battery and powder metallurgy industries
- A3) Powder raw materials for better quality of plastic, rubber, paper, coating
- A4) Particle coating, compositing for engineered powders
- A5) High degree of mixing for the micro homogeneity of materials

#### **B. Energy Saving and Optimization**

- B1) Grinding and drying energy saving in processing industry
- B2) Pulverization and separation of solid waste such as slag, fly ash
- B3) Energy saving equipment and factory automation
- B4) Classification in large volume and lower power consumption
- B5) High efficient bag filler and dust collecting system optimization

### **Submit of the Paper and Publication**

Full paper or PPT should be emailed to [powder@tsinghua.edu.cn](mailto:powder@tsinghua.edu.cn), before Sept. 1st, We will distribute the printed material and CD during the Forum, and make a special issue of <Advanced Material Research> which will be published by Trans Tech Publications, U.S.A.

### **The Detailed Schedule**

The detailed schedule will be announced in the near future.

# Registration form

## 2014 International Forum on Powder Technology and Application

Title: \_\_\_\_\_ First name: \_\_\_\_\_ Surname: \_\_\_\_\_

Company /Institute: \_\_\_\_\_

Correspondence address: \_\_\_\_\_

\_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

Paper want to be presented at the Forum

\_\_\_\_\_

Email to [powder@tsinghua.edu.cn](mailto:powder@tsinghua.edu.cn)

## Notes for Contributors

# International Forum On Powder Technology and Application

hengsheng Liu

Department of materials science and Technology, Peking University

100083 Beijing, China

**Abstract:** Each paper requires an abstract of 100-150 words summarizing the significant coverage and findings. (Prepare your paper in one-column format with **Microsoft Word 2003 or lower version on paper 21×29.7** (A4 paper) centimeters. It must be output on a printer (e.g. laser printer) having 300 dots per inch or higher resolution. Lesser quality printers, such as dot matrix printers are not acceptable, as the manuscript will not reproduce the desired quality. All papers should be sent to the secretariat by e-mail..

**Keywords:** Each paper must have three to six keywords.

### 1. The length limit of your paper

The length of your paper is no longer than 6 pages in A4.

### 2. Format

#### 2.1 The layout of a printed page

##### 2.1.1 The typing area

In formatting your original 21×29.7 centimeters page (A4 papers), set top margins to 31 millimeters, bottom margins to 26 and left and right margins to 20 millimeters. The header is 15 millimeters and the footer is 14 millimeters. Do not violate margins (i.e., text, tables, figures and equations may not extend into the margins). Paragraph indentation is 4 space. Use 1.5 times space between sections, and between text and tables or figures. Use automatic hyphenation and check spelling. Either digitize or paste down your figures.

### 3. Figures and Tables

Large figures and tables may span across both columns, but may not extend into the page margin. Figure captions should be below the figures: table caption should be above the tables. Avoid placing figures and tables before their first mention in the text. Use the abbreviation Fig. Instead of Figure. The format of the figure should be TIF, BMP.

### 4. Typefaces and Sizes

Please use a proportional series of typeface such as Times New Roman. The following table Provides samples of the appropriate type size and style to use when formatting your conference paper (table1.)

**Table 1 Sample of Times New Roman Type Sizes**

Point size	Purose in paper	Special Appearance
9	Author affiliation, all caption table text footnote	<b>Title of tables, title of figure</b>
10	Abstract, keywords, text of reference	REFERENCES

10.5	Body text, Equations	Subheading section titles
11	Author name	Guosheng Gai
16	Title	Title

---



**Fig. 1 IFPT 2014**

## **ACKNOWLEDGEMENT**

Financial support for this work provided by the National Natural Science Foundation of China (project number 50474003) is gratefully acknowledged. The authors would also like give special thanks to Miss Xu Li and Mr. Liu Hongda for their contribution to our research work, and to Prof. A. Godfrey for assistance with proof-reading of the text.

## **REFERENCES**

- (1) Yang Yufen, Fan Shimin. Preparation and Properties of Composite Mineral Powders[J]. **Powder Technology**. 2005, 153(3): 153-158
- (2) Cai Zhengfang, Lai Maobo. Surface Modification of Purified Fly Ash and Application in Polymer[J]. **Journal of Hazardous Materials**. 2006,133 (1-3): 276-282
- (3) Guoqiang Gao. Ultra-fine Pulverizing and Classification Technology[M]. **Beijing: China Light Industry Press**. 2000:107-117..